

REDACTED

LB 88457

United States Environmental Protection Agency
Region 4



35TH AVENUE REMOVAL INVESTIGATION
BIRMINGHAM, ALABAMA
JEFF CROWLEY, ON-SCENE COORDINATOR

FIELD SAMPLING LOGBOOK

Book 1 of 1
Inclusive Dates: 3/4/2013 -

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
(b) (6)		OTIE, Team Leader
		OTIE
		RES

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Sampling Procedures and Methodology

Unless specified elsewhere in this logbook, all soil samples will be collected in accordance with the EPA Science and Ecosystem Division (SESD) Field Branches Quality System and Technical Procedures (FBQSTP) Soil Sampling (SESDPROC-300-R2) based on the following design.

The total number of 5-point composite surface soil samples (0-4 inches below ground surface) to be collected from each property will be based on the lot size as follows:

- For residential properties with a total parcel lot size equal to or less than (\leq) 5,000 square feet - the front yard and back yards of each property. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may also be collected from the side yard. Aliquots will be collected away from influences with drip lines and burn areas in a five dice configuration (each of the four corners and the center).
- For residential properties with a total parcel lot size greater than ($>$) 5,000 square feet and $\leq \frac{1}{4}$ -acre - the property should be divided into two roughly equal surface areas. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may be collected from the side yard with the remainder of the property being divided into two roughly equal surface areas. Aliquots will be collected away from influences including drip lines and burn areas with reasonably equal spacing between aliquots.
- Residential properties over $\frac{1}{4}$ -acre in parcel lot size will be divided into $\frac{1}{4}$ -acre sections. When dividing any such property with a substantial side yard (primarily corner lots), one composite soil sample may be collected from the side yard. Aliquots will be collected away from influences including drip lines and burn areas in a five dice configuration, if possible, with reasonably equal spacing between aliquots.

Grab surface soil samples will be collected from apparent exposure pathways where active play sets are located.

Three-point composite surface soil samples will be collected from distinct vegetable gardens from each residential property.

Samples shall not be collected under paved areas or under stationary fixed structures.

Grab sediment samples will be collected in accordance with EPA SESD FBSTP Sediment Sampling (SESDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34th Street North Ditch.

Each surface soil or sediment sample should be homogenized in a stainless steel bowl. One 8-ounce jar will be filled and the remaining sample material will be placed in zip-top bags for screening. Information identifying the location, sample, and date/time will be inscribed on each jar and zip-top bag.

All sample bags will be screened for metals in accordance with SESD FBQSTP Field XRF Measurement (SESDPROC-107-R2) using a Niton XRF. The sample will be dried before sieving or analysis is performed. Once the sample has dried, the sample will be divided into two subsamples; one subsample will be sieved through a #10 screen (2 mm) and the other will be left unsieved. Once separated into sieved and unsieved samples, the zip-top bag will be compressed by folding over the excess plastic and removing as much air and space from the sample as possible. The XRF will be placed directly on the exterior of the compressed sample in the plastic zip-top bag to measure metals concentrations. Following XRF screening, the unsieved portion of the sample material will be containerized into one 8-ounce jars and the sieved portion of the sample will be containerized into another 8-ounce jar.

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Based on the site DQOs the 8-ounce jars of surface soil and sediment samples should be submitted to PEL, Tampa, Florida (a NELAC certified laboratory) for low level PAH, and/or TCL SVOC, RCRA metals, PCB, and/or Hexavalent Chromium analysis. RCRA metals will be analyzed from both the sieved and unsieved portions of the sample. All other analysis will be conducted on the unsieved portion.

The location of each aliquot will also be logged in accordance with SESD FBQSTP Global Positioning System (SESDPROC- 110-R3) using a Trimble GPS.

A description of the color and texture of the aliquot material will be recorded in each box.

The **station ID** for each location will consist of seven characters, beginning with the six digit Property ID designation for the property followed by a alphabetic letter beginning with “A”.

e.g. CV0001A would be the station ID for the front yard 5-pt composite sample collected at the property with Property ID CV0001.

The **sample ID** for each sample is the station ID with “CS” (composite soil), “GS” (grab soil), “SD” (sediment), or “SW” (surface water) appended, therefore, the sample ID for this sample would be CV0001A-CS. Co-located duplicates will be designated by appending a “D” to the end of the sample ID. Pan splits will be identified by appending an “SP” to the end of the sample ID.

(b) (6)

ADDRESS

PROPERTY ID: CV0079

DATE: 3-4-2013

ARRIVAL TIME: 0942

Other pertinent information (weather conditions, etc.):

SUNNY, 47°F, PARTLY CLOUDY

PROPERTY COMMENTS:

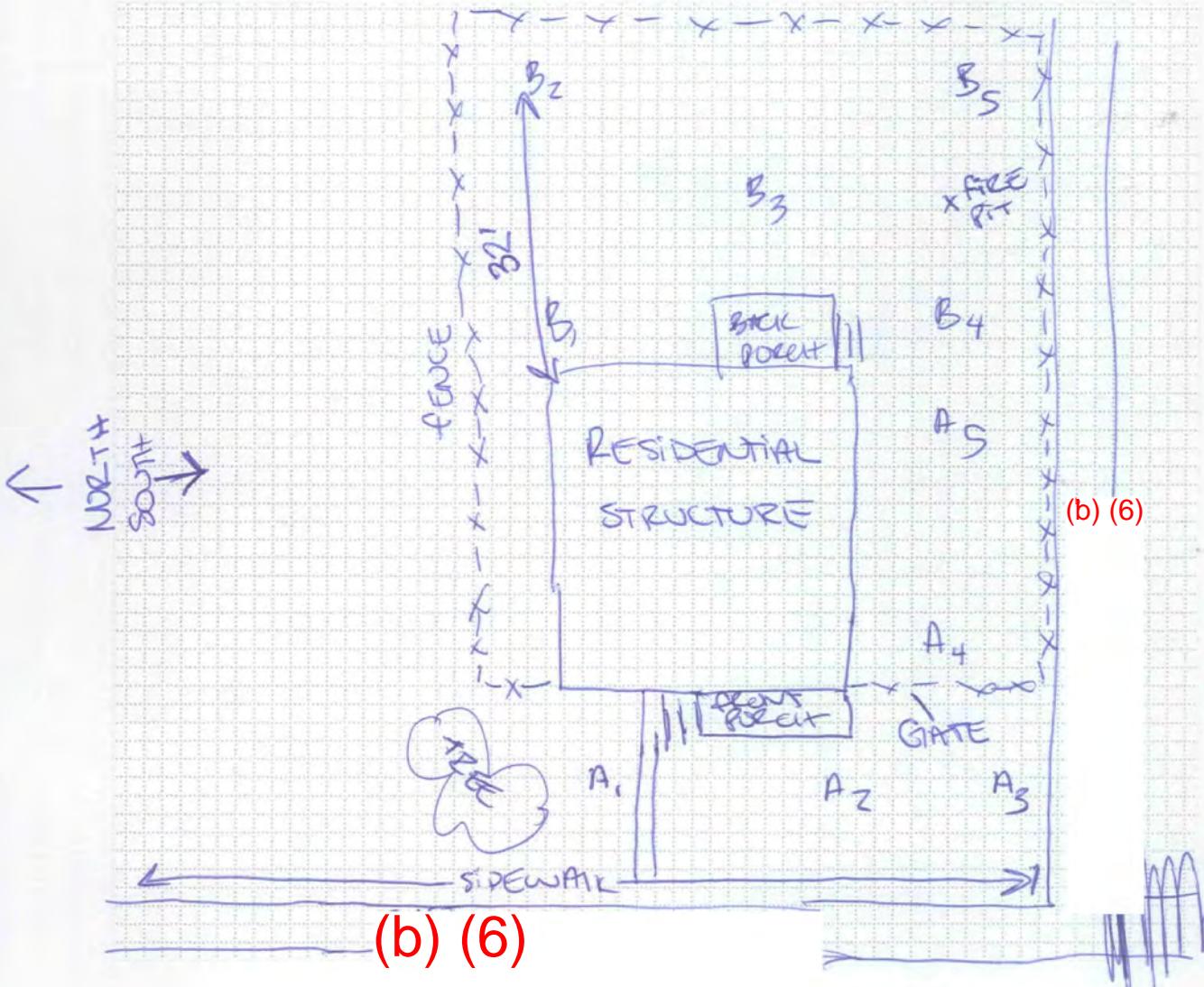
WHITE HOUSE WITH A TEAL TRIM AROUND

WINDOWS AND DOORS.

C. Proiano (Gmc) split samples.

(b) (6)

Grid for property sketch



CSD

STATION ID: CV0079A SAMPLE ID: CV0079A-CS-SP
 SAMPLE COLLECTION TIME: 0950

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

front & SOUTH SIDE YARD

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0079A-CS-SP

GPS Coordinates: Trimble []	Instrument #: <u>018594</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55460551</u>	N Longitude <u>86.803601556</u>	W
Media description: <u>DARK BROWN SILTY CLAY SOIL</u>		
Aliquot #2 Latitude: <u>33.55460498</u>	N Longitude <u>86.803601644</u>	W
Media description: <u>DARK BROWN SILTY SOIL WITH COAL FRAGMENTS</u>		
Aliquot #3: Latitude: <u>33.55456060</u>	N Longitude <u>86.803627119</u>	W
Media description: <u>DARK BROWN SILTY SOIL WITH GRAVEL</u>		
Aliquot #4: Latitude: <u>33.55460603</u>	N Longitude <u>86.803516118</u>	W
Media description: <u>SAME AS #3</u>		
Aliquot #5: Latitude: <u>33.55456144</u>	N Longitude <u>86.803447117</u>	W
Media description: <u>SAME AS #3</u>		

STATION ID: CV0079 SAMPLE ID: CV0079B-CS-SP

SAMPLE COLLECTION TIME: 1000

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

BACK YARD

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0079B-CS-SP

GPS Coordinates: Trimble []	Instrument #: <u>018594</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55462897</u>	N Longitude <u>86.80338543</u>	W
Media description: <u>DARK BROWN SILTY CLAY</u>		
Aliquot #2 Latitude: <u>33.55463508</u>	N Longitude <u>86.80331133</u>	W
Media description: <u>SAME AS #1</u>		
Aliquot #3: Latitude: <u>33.55460211</u>	N Longitude <u>86.80335204</u>	W
Media description: <u>SAME AS #1</u>		
Aliquot #4: Latitude: <u>33.55458485</u>	N Longitude <u>86.80337748</u>	W
Media description: <u>SAME AS #1</u>		
Aliquot #5: Latitude: <u>33.55457598</u>	N Longitude <u>86.80330714</u>	W
Media description: <u>SAME AS #1</u>		

(b) (6)

ADDRESS:

PROPERTY ID: CVO793

DATE: 3-4-2013

ARRIVAL TIME: 1026

Other pertinent information (weather conditions, etc.):

47°F, PARTLY CLOUDY

PROPERTY COMMENTS:

PROPERTY APPEARS VACANT / ABANDONED.

C. Molino (amc) splits samples

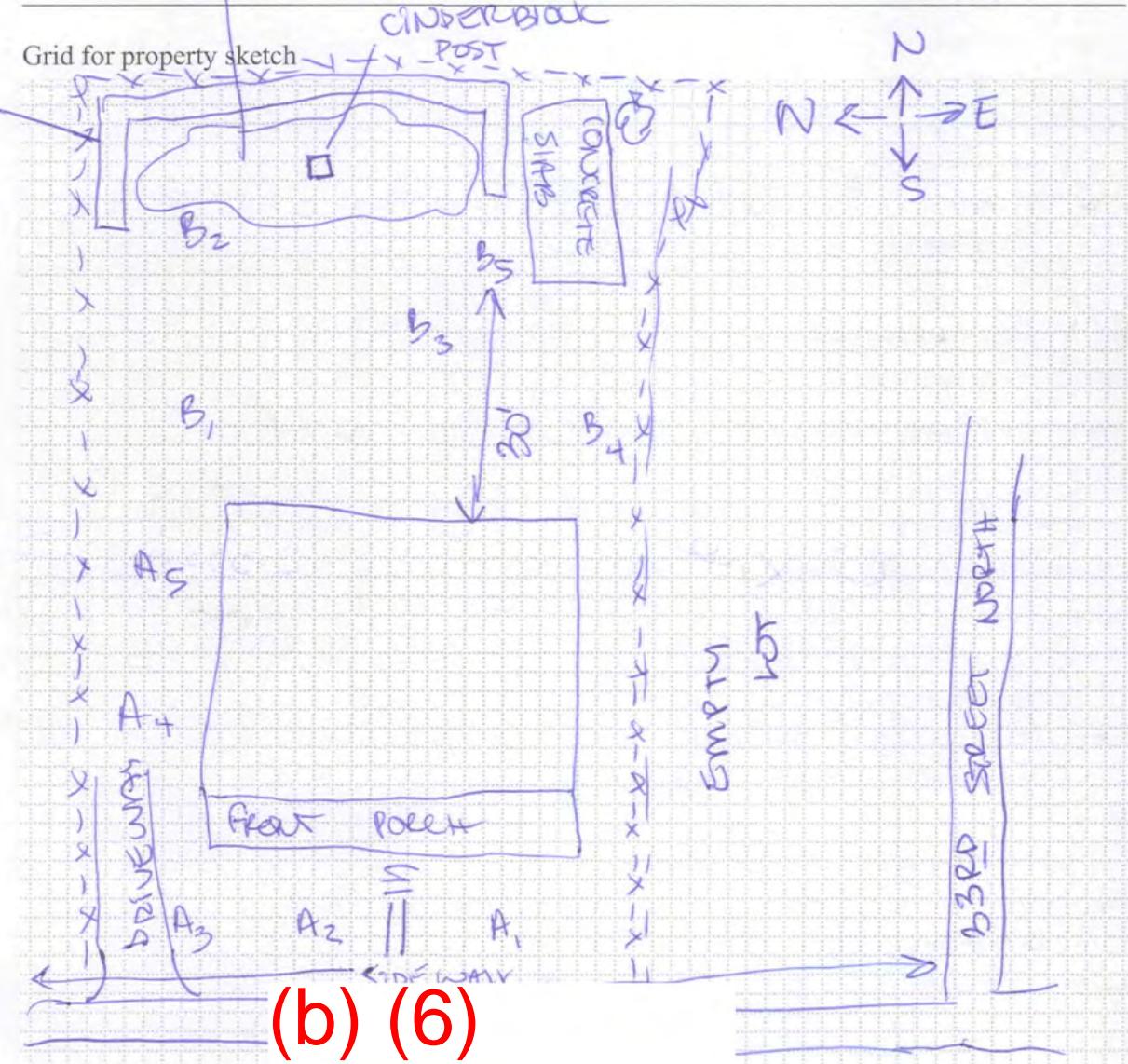
CEMENT &

OTHER
DEBRIS

Grid for property sketch

CINDERBLOCK

N
N ← ↑ → E
S



STATION ID: CVD793

SAMPLE ID: CVD793A-CS-SR

SAMPLE COLLECTION TIME: 1035

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

FRONT SIDE YARD

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CVD793A-CS-SR

GPS Coordinates: Trimble [] Instrument #: 018594

Logged? Y or N

Aliquot #1: Latitude: 33.55329675 N Longitude 86.80078237 W

Media description: DARK BROWN SILTY CLAM

Aliquot #2: Latitude: 33.55329114 N Longitude 86.80081021 W

Media description: DARK BROWN SILTY CLAM

Aliquot #3: Latitude: 33.55329544 N Longitude 86.80087077 W

Media description: DARK BROWN SILTY CLAM WITH COAL

Aliquot #4: Latitude: 33.55338739 N Longitude 86.80090900 W

Media description: DARK BROWN SILTY CLAM WITH GRAVEL

Aliquot #5: Latitude: 33.55342241 N Longitude 86.80090179 W

Media description: SAME AS #4

STATION ID: CVD793

SAMPLE ID: CVD793B-CS-SR

SAMPLE COLLECTION TIME: 1043

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

BACK YARD

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CVD793B-CS-SR

GPS Coordinates: Trimble [] Instrument #: 018594

Logged? Y or N

Aliquot #1: Latitude: 33.55347694 N Longitude 86.80088523 W

Media description: DARK BROWN SILTY SOIL WITH TAN GRAVEL

Aliquot #2: Latitude: 33.55352511 N Longitude 86.80088374 W

Media description: DARK BROWN SILTY SOIL

Aliquot #3: Latitude: 33.55350779 N Longitude 86.80083642 W

Media description: SAME AS #2

Aliquot #4: Latitude: 33.55349684 N Longitude 86.80078637 W

Media description: SAME AS #2 WITH PEAT-SIZED GRAVEL

Aliquot #5: Latitude: 33.55353521 N Longitude 86.80081548 W

Media description: SAME AS #2

(b) (6)

ADDRESS

PROPERTY ID: EVO333

DATE: 3-4-2013

ARRIVAL TIME: 1115

Other pertinent information (weather conditions, etc.):

50°F, PARTLY CLOUDY-MOSTLY SUNNY, LIGHT WIND

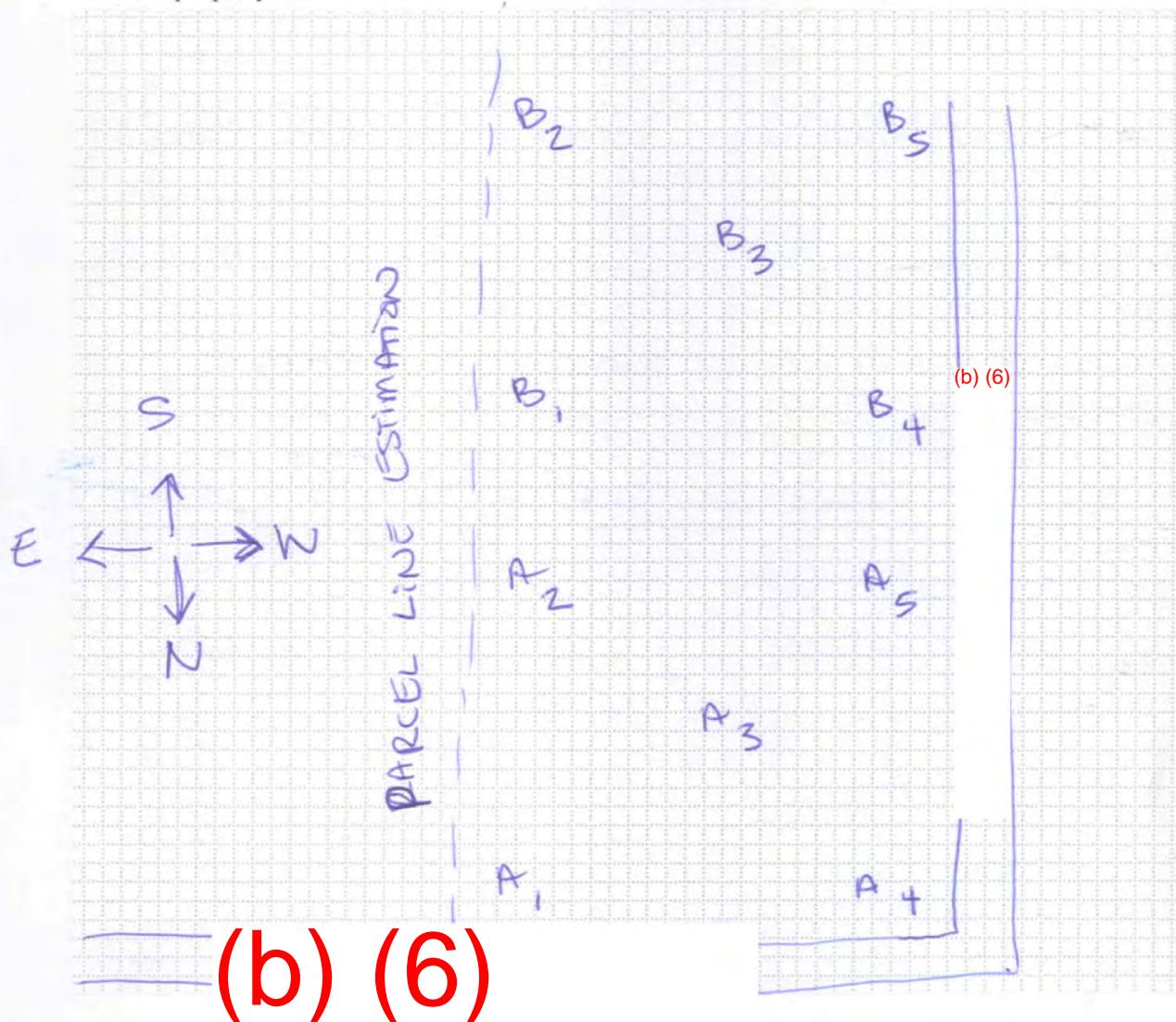
PROPERTY COMMENTS:

EMPTY LOT NEXT ANOTHER EMPTY LOT.

(NO RESIDENTIAL STRUCTURES)

(b) (6) (6mc) split samples

Grid for property sketch



STATION ID: CV0333

SAMPLE ID: CV0333A-CS-SP

SAMPLE COLLECTION TIME: 1130

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

FRONT AREA

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0333A-CS-SP

GPS Coordinates: Trimble [] Instrument #: 018594 Logged? Y or N

Aliquot #1: Latitude: 33.55599704 N Longitude 86.79818891 W

Media description: DARK BROWN SILTY CLAM

Aliquot #2 Latitude: 33.55589341 N Longitude 86.79816746 W

Media description: SAME AS #1

Aliquot #3: Latitude: 33.55594179 N Longitude 86.79822104 W

Media description: SAME AS #1

Aliquot #4: Latitude: 33.55599521 N Longitude 86.798254678 W

Media description: SAME AS #1

Aliquot #5: Latitude: 33.55589197 N Longitude 86.79826480 W

Media description: SAME AS #1

STATION ID: CV0333

SAMPLE ID: CV0333B-CS-SP

SAMPLE COLLECTION TIME: 1140

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

BACK AREA

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0333B-CS-SP

GPS Coordinates: Trimble [] Instrument #: 018594 Logged? Y or N

Aliquot #1: Latitude: 33.55583504 N Longitude 86.79819163 W

Media description: DARK BROWN SILTY CLAM

Aliquot #2 Latitude: 33.55572147 N Longitude 86.79818514 W

Media description: SAME AS #1

Aliquot #3: Latitude: 33.55571093 N Longitude 86.79823083 W

Media description: SAME AS #1

Aliquot #4: Latitude: 33.55582210 N Longitude 86.79824387 W

Media description: SAME AS #1

Aliquot #5: Latitude: 33.55571503 N Longitude 86.79826112 W

Media description: SAME AS #1

(b) (6)

ADDRESS: _____ PROPERTY ID: HPO313
DATE: 3/4/13 ARRIVAL TIME: 1315

Other pertinent information (weather conditions, etc.):

52° F, mostly sunny and SEE/10

PROPERTY COMMENTS:

Resident indicates owner name as Willie Jones.

Property used to be duplex.

C. Troiano (6mc) splits samples.

Grid for property sketch



STATION ID: HPO313 A SAMPLE ID: HPO313 A -CS-SP

SAMPLE COLLECTION TIME: 1331

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

front + side yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO313 A

GPS Coordinates: Trimble	Instrument #:	<u>185 94</u>	Logged?	<u>Y</u> or <u>N</u>
Aliquot #1: Latitude:	<u>33.56747089</u>	N Longitude	<u>86.79294282</u>	W
Media description:	<u>dk brown sandy silt</u>			
Aliquot #2: Latitude:	<u>33.56752768</u>	N Longitude	<u>86.79386085</u>	W
Media description:	<u>dk brown silt</u>			
Aliquot #3: Latitude:	<u>33.56747934</u>	N Longitude	<u>86.79387458</u>	W
Media description:	<u>dk brown silt</u>			
Aliquot #4: Latitude:	<u>33.56742430</u>	N Longitude	<u>86.79384038</u>	W
Media description:	<u>dk brown silt</u>			
Aliquot #5: Latitude:	<u>33.56737315</u>	N Longitude	<u>86.79382851</u>	W
Media description:	<u>dk brown silt</u>			

STATION ID: HPO313 B SAMPLE ID: HPO313 B -CS-SP

SAMPLE COLLECTION TIME: 1342

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO313 B

GPS Coordinates: Trimble	Instrument #:	<u>185 94</u>	Logged?	<u>Y</u> or <u>N</u>
Aliquot #1: Latitude:	<u>33.5671710</u>	N Longitude	<u>86.79280654</u>	W
Media description:	<u>dk brown sandy silt + mucky</u>			
Aliquot #2: Latitude:	<u>33.56715308</u>	N Longitude	<u>86.79282140</u>	W
Media description:	<u>dk brown sand silt</u>			
Aliquot #3: Latitude:	<u>33.56717064</u>	N Longitude	<u>86.79277129</u>	W
Media description:	<u>dk brown sandy silt</u>			
Aliquot #4: Latitude:		N Longitude		W
Media description:				
Aliquot #5: Latitude:		N Longitude		W
Media description:				

(b) (6)

ADDRESS:

PROPERTY ID: HPO/68

DATE: 3/4/13

ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

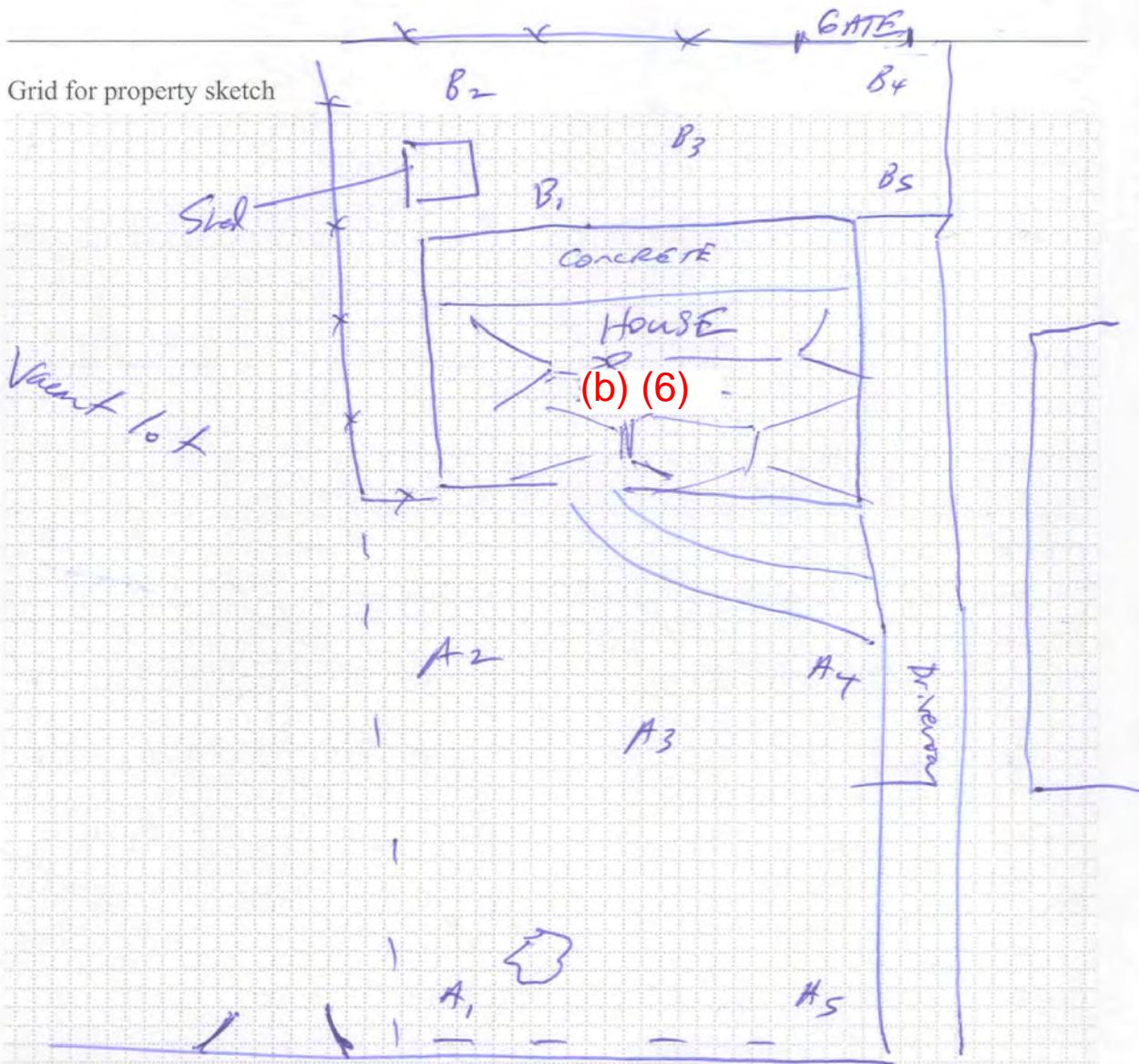
52°F, mostly sunny, wind SE 5-10

PROPERTY COMMENTS:

residential home.

C. Tropico (anc) splits samples

Grid for property sketch



NTS

(b) (6)

STATION ID:

HP0168A

SAMPLE ID:

HP0168A-CS-SP

SAMPLE COLLECTION TIME:

1421

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: Split HP0168A-CS-SP

GPS Coordinates: Trimble [X]	Instrument #:	018594	Logged? Y or N
Aliquot #1: Latitude:	33.568591627	N Longitude	86.79390611 W
Media description:	reddish brown sandy clay		
Aliquot #2: Latitude:	33.56596064	N Longitude	86.79390075 W
Media description:	Same as #1 above		
Aliquot #3: Latitude:	33.56593751	N Longitude	86.79387618 W
Media description:	Same as #1 above		
Aliquot #4: Latitude:	33.56594186	N Longitude	86.79382979 W
Media description:	Same as #1 above		
Aliquot #5: Latitude:	33.56590397	N Longitude	86.7983229 W
Media description:	reddish brown sandy clay w/coal fragments		

STATION ID:

HP0168B

SAMPLE ID:

HP0168B-CS-SP

SAMPLE COLLECTION TIME:

1435

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

back yard

Collection: Composite or Grab

MS/MSD? Y or N

GPS Coordinates: Trimble [X]	Instrument #:	018594	Logged? Y or N
Aliquot #1: Latitude:	33.5616823	N Longitude	86.79387363 W
Media description:	Orange brown clay w/coal fragments & gravel/concrete		
Aliquot #2: Latitude:	33.5624949	N Longitude	86.79387250 W
Media description:	Same as #1 above		
Aliquot #3: Latitude:	33.5621077	N Longitude	86.79383927 W
Media description:	Same as #1 above		
Aliquot #4: Latitude:	33.56624356	N Longitude	86.79380687 W
Media description:	Same as #1 above		
Aliquot #5: Latitude:	33.56616642	N Longitude	86.79379770 W
Media description:	Same as #1 above		

Wm's Property sampled - samples discarded

(b) (6)

ADDRESS:

PROPERTY ID: HP0097

DATE: 3/4/13

ARRIVAL TIME: 1500

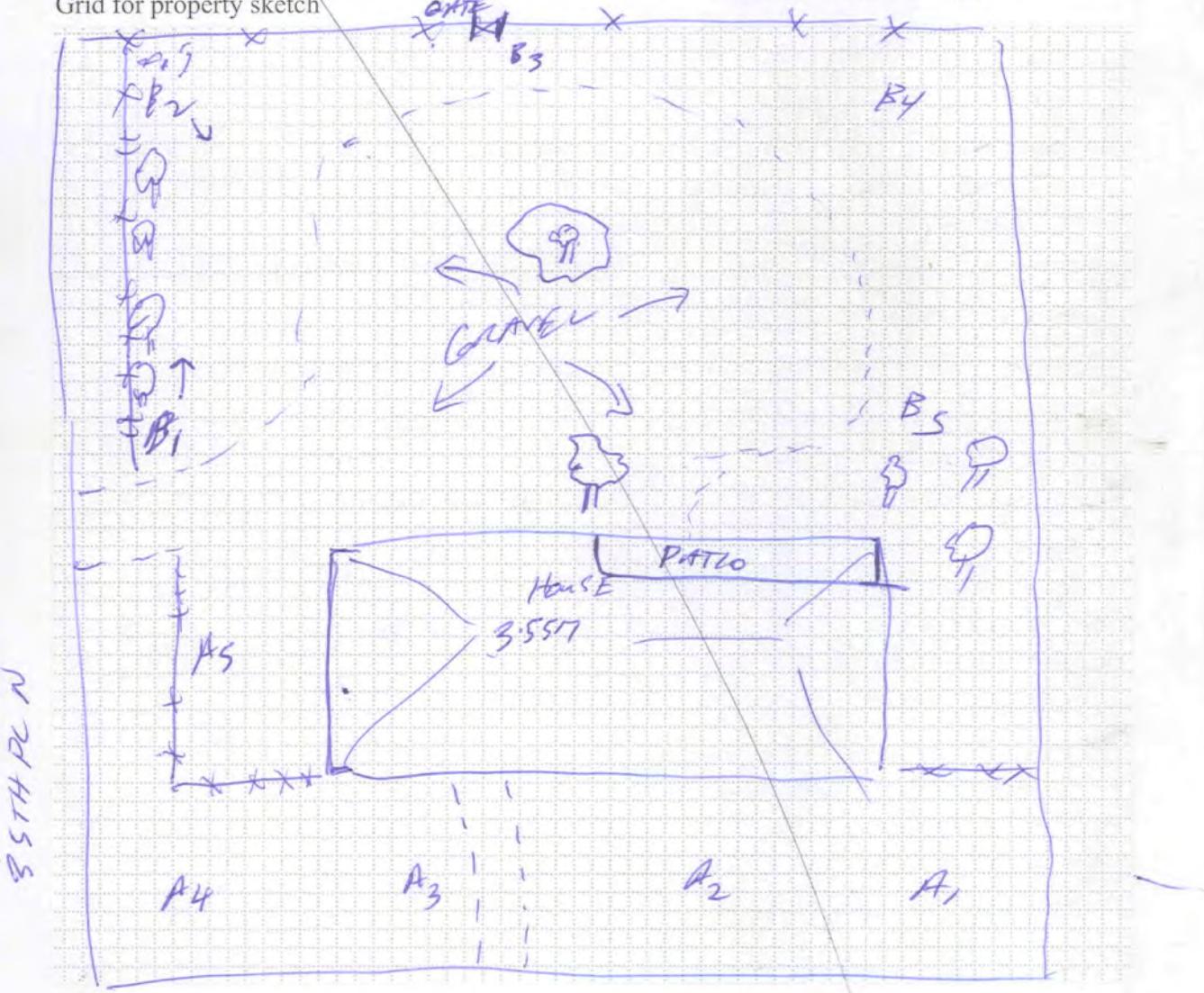
Other pertinent information (weather conditions, etc.):

62°F, mostly cloud, wind SSE @ 10-15.

PROPERTY COMMENTS:

C. Trivis
(anal)
Splits
Samples
Grid for property sketch

resident at home. Resident states that
garden on back side of house is
owned by uncle. Gate is locked, resident does
not have key. Left number with resident to contact
if uncle wants garden sampled.
SEE SKETCH 2nd PAGE 18



(b) (6)

WRNG Property Sampled - samples discarded

STATION ID:

HP0097A

SAMPLE ID:

HP0097A-CS-S

SAMPLE COLLECTION TIME:

1517

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

front & east side yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X]	Instrument #:	18594	Logged? Y or N
Aliquot #1: Latitude:	33.56487812	N Longitude	86.79440399 W
Media description:	brown silty clay		
Aliquot #2 Latitude:	33.56488004	N Longitude	86.79432076 W
Media description:	brown silty clay		
Aliquot #3: Latitude:	33.56487330	N Longitude	86.79425131 W
Media description:	brown s. Hg clay		
Aliquot #4: Latitude:	33.56486938	N Longitude	86.79418539 W
Media description:	brown silty clay		
Aliquot #5: Latitude:	33.5649774651	N Longitude	86.79419541 W
Media description:	brown silty clay		

STATION ID:

HP0097B

SAMPLE ID:

HP0097B-CS-S

SAMPLE COLLECTION TIME:

1531

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

back yard #1

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X]	Instrument #:	18574	Logged? Y or N
Aliquot #1: Latitude:	33.56463492	N Longitude	86.79421339 W
Media description:	dark brown/black silt w/ coal frags		
Aliquot #2 Latitude:	33.56455531	N Longitude	86.79423248 W
Media description:	brown/orange silty clay w/ gravel		
Aliquot #3: Latitude:	33.56454829	N Longitude	86.79432469 W
Media description:	tan/brown sandy silt		
Aliquot #4: Latitude:	33.56455970	N Longitude	86.79442925 W
Media description:	same as #2		
Aliquot #5: Latitude:	33.56469678	N Longitude	86.79443255 W
Media description:	same as #2		

(b) (6)

ADDRESS: _____ PROPERTY ID: HPOO97

DATE: 3/4/13 ARRIVAL TIME: _____

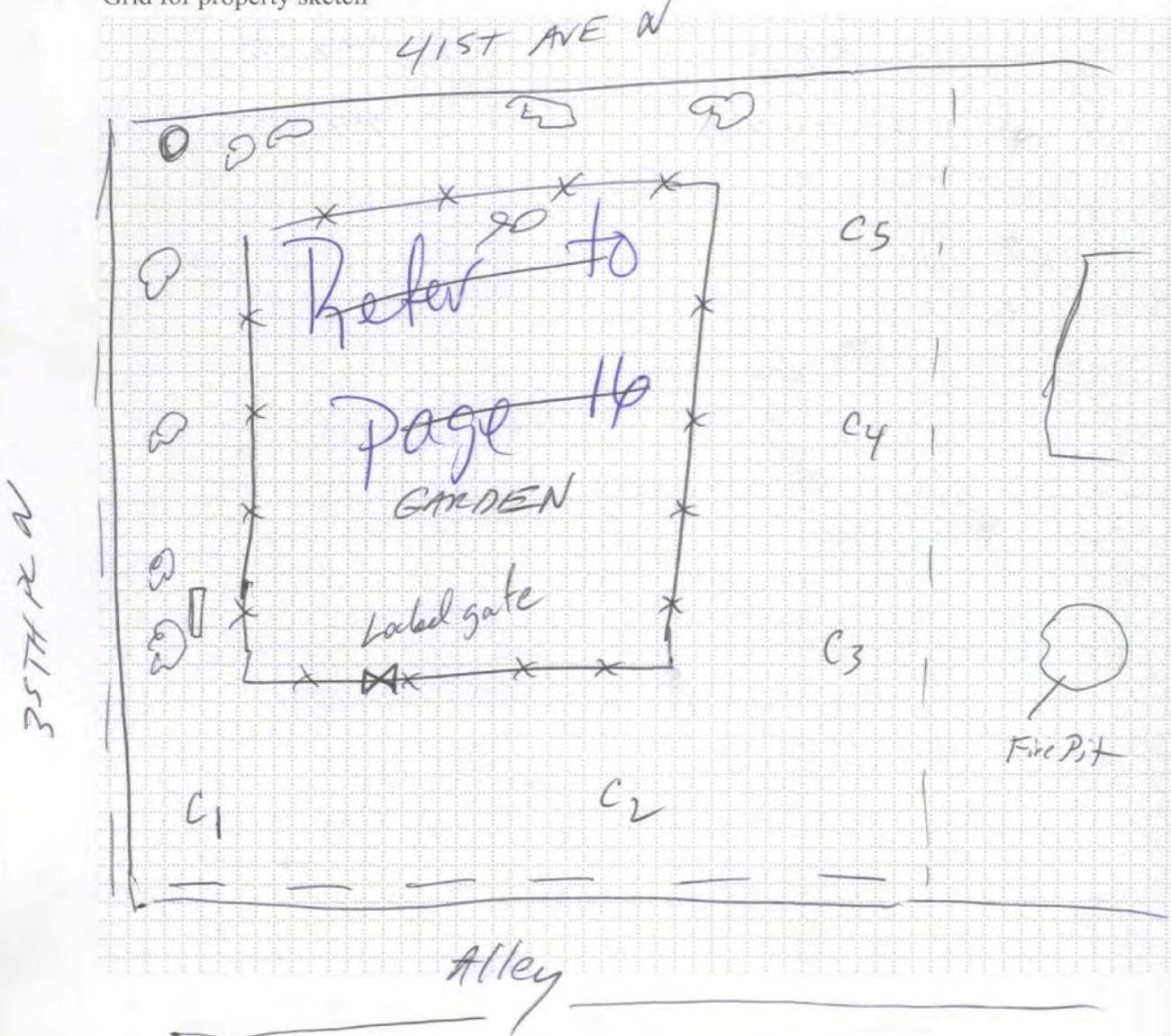
Other pertinent information (weather conditions, etc.):

see page 16

PROPERTY COMMENTS:

Property lot behind 3557 (southeast) adjoins
41st Ave N, garden is fenced & locked.
Resident states garden owned by uncle. Lett
contact no. of resident to give to uncle if he
would like to have garden sampled.

Grid for property sketch



(b) (6)

Wrong property sampled - samples discarded

STATION ID: HP0097 C-CS SAMPLE ID: HP0097 C-CS-SP

SAMPLE COLLECTION TIME: 1550

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

back yard #2

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Y or N If yes, indicate Duplicate/split sample station ID: HP0097 C-CS-SP

GPS Coordinates:	Trimble []	Instrument #:	Logged?	<u>Y</u> or <u>N</u>
Aliquot #1:	Latitude: <u>33.56441789</u>	N Longitude <u>86.79421848</u>	W	
	Media description: <u>dk brown silt</u>			
Aliquot #2:	Latitude: <u>33.56441563</u>	N Longitude <u>86.79434421</u>	W	
	Media description: <u>reddish brown silty clay</u>			
Aliquot #3:	Latitude: <u>33.56435599</u>	N Longitude <u>86.79438533</u>	W	
	Media description: <u>sand as #2 above</u>			
Aliquot #4:	Latitude: <u>33.56428337</u>	N Longitude <u>86.79438680</u>	W	
	Media description: <u>sand as #2 above</u>			
Aliquot #5:	Latitude: <u>33.56418944</u>	N Longitude <u>86.79439208</u>	W	
	Media description: <u>sand as #2 above</u>			

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection:	Composite	or	Grab	MS/MSD? Y or <u>N</u>
Field Duplicate or Split:	Yes	or	No	If yes, indicate Duplicate/split sample station ID: _____
GPS Coordinates:	Trimble []	Instrument #:	Logged?	Y or N
Aliquot #1:	Latitude:	N Longitude	W	
	Media description:			
Aliquot #2:	Latitude:	N Longitude	W	
	Media description:			
Aliquot #3:	Latitude:	N Longitude	W	
	Media description:			
Aliquot #4:	Latitude:	N Longitude	W	
	Media description:			
Aliquot #5:	Latitude:	N Longitude	W	
	Media description:			

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0558

DATE: 3/5/13 ARRIVAL TIME: 80 0830

Other pertinent information (weather conditions, etc.):

58°F, cloudy, wind SSW 18 MPH

PROPERTY COMMENTS:

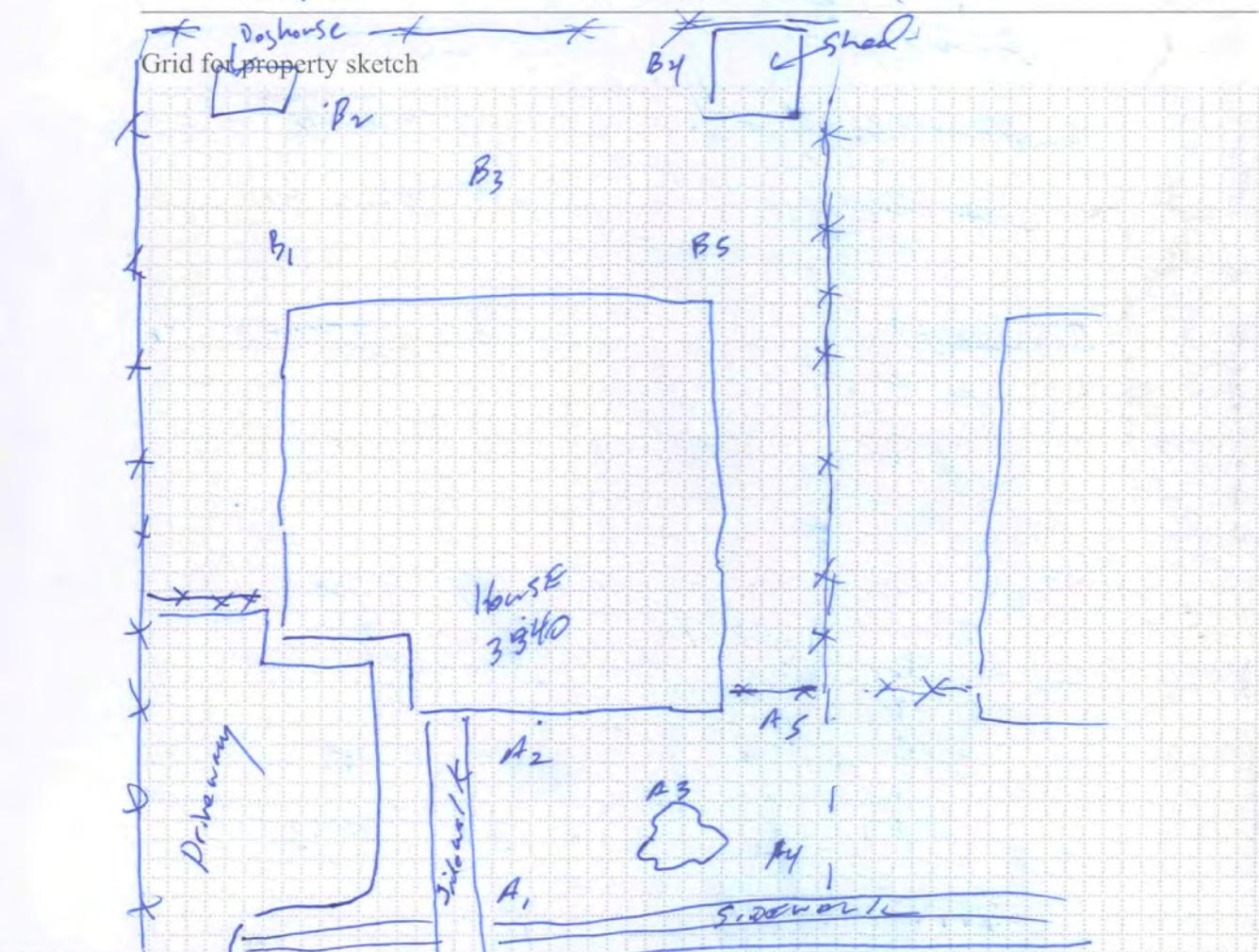
2 cars in driveway, no one answered door. House number verified.

(b) (6)

samples

(GMC) on site split

Grid for property sketch



(b) (6)

b340
b340

STATION ID: CVO558A SAMPLE ID: CVO558A-CS-SP

SAMPLE COLLECTION TIME: 0853

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: <u>Composite</u>	or	Grab	MS/MSD? Y or <u>N</u>
Field Duplicate or Split: <u>Yes</u> or No If yes, indicate Duplicate/split sample station ID: <u>CVO558A</u>			
GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>18599</u>			Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.55692655</u> N Longitude <u>86.79846386</u>			W
Media description: <u>brown sandy silt</u>			
Aliquot #2 Latitude: <u>33.55693157</u> N Longitude <u>86.79850834</u>			W
Media description: <u>brown sandy silt</u>			
Aliquot #3: Latitude: <u>33.55695342</u> N Longitude <u>86.79852025</u>			W
Media description: <u>brown sandy silt</u>			
Aliquot #4: Latitude: <u>33.556953427263</u> N Longitude <u>86.7985202547326</u>			W
Media description: <u>brown sandy silt</u>			
Aliquot #5: Latitude: <u>33.55697813</u> N Longitude <u>86.79852775</u>			W
Media description: <u>brown sandy silt</u>			

STATION ID: CVO558B SAMPLE ID: CVO558B-CS-SP

SAMPLE COLLECTION TIME: 0905

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: <u>Composite</u>	or	Grab	MS/MSD? Y or <u>N</u>
Field Duplicate or Split: <u>Yes</u> or No If yes, indicate Duplicate/split sample station ID: <u>CVO558B</u>			
GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>18594</u>			Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.55687522</u> N Longitude <u>86.79871211</u>			W
Media description: <u>dk brown silty clay moist</u>			
Aliquot #2 Latitude: <u>33.55689340</u> N Longitude <u>86.79886298</u>			W
Media description: <u>same as #1 above</u>			
Aliquot #3: Latitude: <u>33.55690539</u> N Longitude <u>86.79878773</u>			W
Media description: <u>same as #1 above</u>			
Aliquot #4: Latitude: <u>33.55694137</u> N Longitude <u>86.79886096</u>			W
Media description: <u>same as #1 above</u>			
Aliquot #5: Latitude: <u>33.55695637</u> N Longitude <u>86.79890734</u>			W
Media description: <u>same as #1 above</u>			

(b) (6)

ADDRESS: _____

DATE: 3/5/13

PROPERTY ID: CW0552

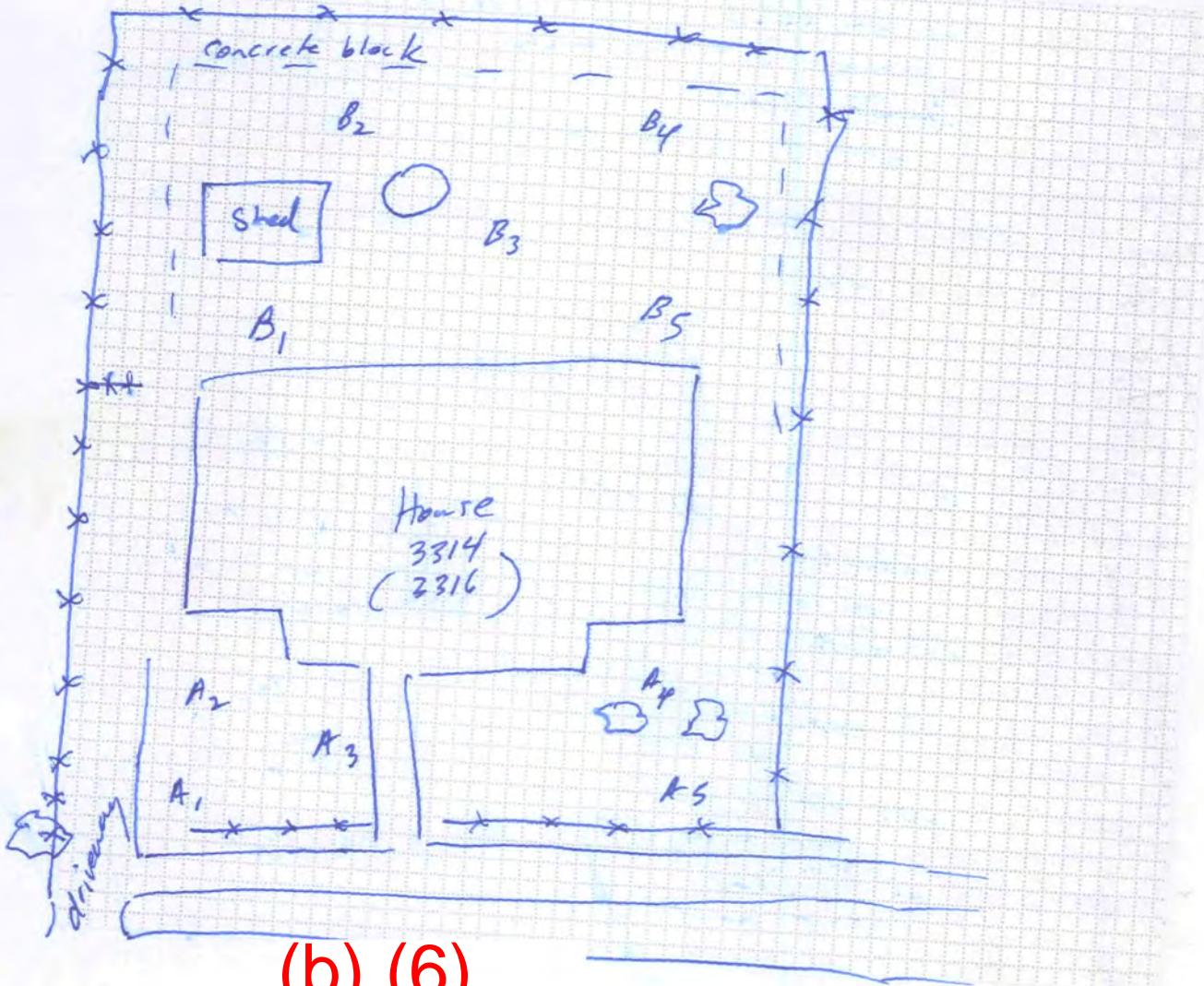
ARRIVAL TIME: 0930

Other pertinent information (weather conditions, etc.):

58°F, mostly cloudy with 55% 10-15

PROPERTY COMMENTS:

Resident, Mrs. Tracy Ervin @ home.
Property address in database is 3314,
house number on house is 3316. No
House used to be split property (duplex)
No other house has 3314 address on street.
Grid for property sketch Confirmed property id matches address.



(b) (6)

STATION ID: CV0552A SAMPLE ID: CV0552A-CS-SP

SAMPLE COLLECTION TIME: 0955

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0552A

GPS Coordinates:	Trimble <u>X</u> Instrument #:	<u>18594</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.55607796</u>	N Longitude	<u>86.79846835</u> W
	Media description:	<u>brown silt moist</u>		
Aliquot #2:	Latitude:	<u>33.55607830</u>	N Longitude	<u>86.79850868</u> W
	Media description:	<u>sand as #1</u>		
Aliquot #3:	Latitude:	<u>33.55609840</u>	N Longitude	<u>86.79849026</u> W
	Media description:	<u>sand as #1</u>		
Aliquot #4:	Latitude:	<u>33.55614535</u>	N Longitude	<u>86.79849309</u> W
	Media description:	<u>sand as #1 brown/fair silt moist</u>		
Aliquot #5:	Latitude:	<u>33.55614635</u>	N Longitude	<u>86.79845954</u> W
	Media description:	<u>sand as sand as #1</u>		

STATION ID: CV0552B SAMPLE ID: CV0552B-CS-SP

SAMPLE COLLECTION TIME: 1010

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0552B

GPS Coordinates:	Trimble <u>X</u> Instrument #:	<u>18594</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.55607274</u>	N Longitude	<u>86.79868917</u> W
	Media description:	<u>dk brown silty clay moist w/col fragments.</u>		
Aliquot #2:	Latitude:	<u>33.55608158</u>	N Longitude	<u>86.79884411</u> W
	Media description:	<u>dk brown silty clay moist</u>		
Aliquot #3:	Latitude:	<u>33.55612060</u>	N Longitude	<u>86.79872101</u> W
	Media description:	<u>sand as #2</u>		
Aliquot #4:	Latitude:	<u>33.55614219</u>	N Longitude	<u>86.79883699</u> W
	Media description:	<u>sand as #2</u>		
Aliquot #5:	Latitude:	<u>33.55613350</u>	N Longitude	<u>86.79869503</u> W
	Media description:	<u>sand as #2</u>		

(b) (6)

ADDRESS: _____ PROPERTY ID: Cr0399

DATE: _____ ARRIVAL TIME: 1025

Other pertinent information (weather conditions, etc.):

59°F, mostly cloudy, wind SW @ 10

PROPERTY COMMENTS:

No resident at home.

Split samples w/ C. Triano (CMC).

J. Crowley EPAOSC on site.

Grid for property sketch



(b) (6)

STATION ID: CV0399A SAMPLE ID: CV0399A-CS-SP

SAMPLE COLLECTION TIME: 1038

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection:	Composite	or	Grab	MS/MSD?	Y or <input checked="" type="radio"/> N
Field Duplicate or Split: <input checked="" type="checkbox"/> Yes or <input type="checkbox"/> No If yes, indicate Duplicate/split sample station ID:					
GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>18594</u>				Logged? <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	
Aliquot #1:	Latitude: <u>33.55768522</u>	N Longitude	<u>86.79939261</u>	W	
	Media description: <u>dk brown silty clay dry</u>				
Aliquot #2:	Latitude: <u>33.55768547</u>	N Longitude	<u>86.79933911</u>	W	
	Media description: <u>brown silty clay dry</u>				
Aliquot #3:	Latitude: <u>33.55763827</u>	N Longitude	<u>86.79936424</u>	W	
	Media description: <u>dk brown silty clay moist</u>				
Aliquot #4:	Latitude: <u>33.55760708</u>	N Longitude	<u>86.79935354</u>	W	
	Media description: <u>reddish brown sandy clay dry</u>				
Aliquot #5:	Latitude: <u>33.55761392</u>	N Longitude	<u>86.799358675</u>	W	
	Media description: <u>dk brown silty clay dry</u>				

STATION ID: CV0399B SAMPLE ID: CV0399B-CS-SP

SAMPLE COLLECTION TIME: 1048

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection:	Composite	or	Grab	MS/MSD?	Y or <input checked="" type="radio"/> N
Field Duplicate or Split: <input checked="" type="checkbox"/> Yes or <input type="checkbox"/> No If yes, indicate Duplicate/split sample station ID:				<u>CV0399B</u>	
GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>18594</u>				Logged? <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	
Aliquot #1:	Latitude: <u>33.55770564</u>	N Longitude	<u>86.79917174</u>	W	
	Media description: <u>dk brown silty clay moist</u>				
Aliquot #2:	Latitude: <u>33.55778262</u>	N Longitude	<u>86.79898904</u>	W	
	Media description: <u>brown silty clay moist</u>				
Aliquot #3:	Latitude: <u>33.55766786</u>	N Longitude	<u>86.79908886</u>	W	
	Media description: <u>sand as # 1</u>				
Aliquot #4:	Latitude: <u>33.55761441</u>	N Longitude	<u>86.79900045</u>	W	
	Media description: <u>sand as # 2</u>				
Aliquot #5:	Latitude: <u>33.55761812</u>	N Longitude	<u>86.79913364</u>	W	
	Media description: <u>sand as # 1</u>				

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0339

DATE: 3/5/13 ARRIVAL TIME: 1225

Other pertinent information (weather conditions, etc.):

62° F, mostly cloudy with SSW 5-10

PROPERTY COMMENTS:

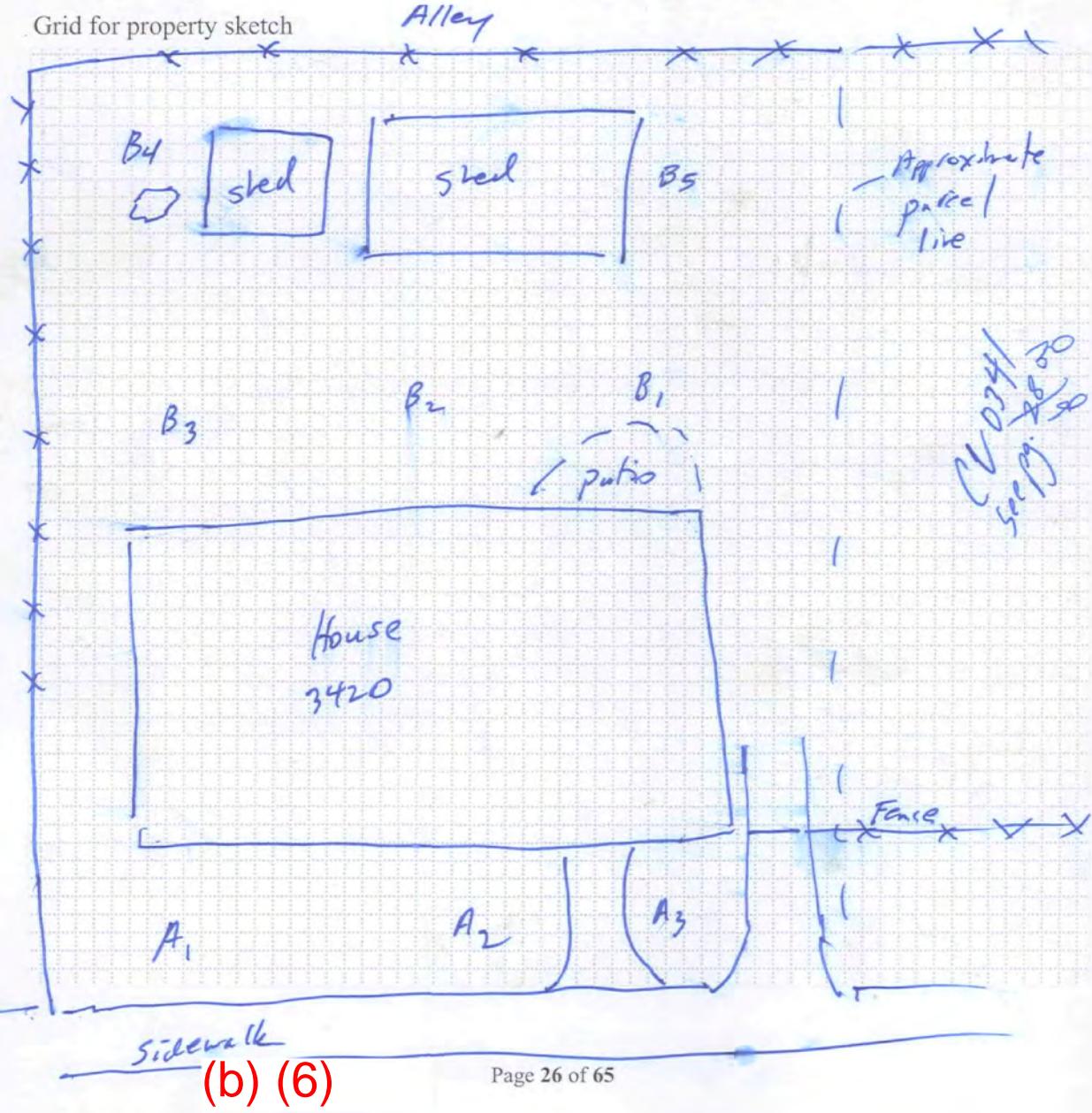
Resident (S Hampton) @ home.

Property is double lot.

House sits on CV0339, lot adjoining is

CV0341 (b) (6) (6mc) splits samples)

Grid for property sketch



STATION ID: CV0339A SAMPLE ID: CV0339A-CS-SP

SAMPLE COLLECTION TIME: 1244

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble Instrument #: 018594 Logged? Y or N
Aliquot #1: Latitude: 33.556113747 N Longitude 86.79740169 W
Media description: brown silty clay moist
Aliquot #2 Latitude: 33.55612315 N Longitude 86.79735932 W
Media description: brown silty clay moist
Aliquot #3: Latitude: 33.55612195 N Longitude 86.79727838 W
Media description: brown silty clay moist
Aliquot #4: Latitude: _____ N Longitude _____ W
Media description: brown silty clay
Aliquot #5: Latitude: _____ N Longitude _____ W
Media description: brown silty clay

STATION ID: CV0339B SAMPLE ID: CV0339B-CS-SP

SAMPLE COLLECTION TIME: 1254

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble Instrument #: 018594 Logged? Y or N
Aliquot #1: Latitude: 33.55630353 N Longitude 86.79729853 W
Media description: brown silty clay moist
Aliquot #2 Latitude: 33.55630443 N Longitude 86.79732084 W
Media description: brown silty clay moist
Aliquot #3: Latitude: 33.55630271 N Longitude 86.79738614 W
Media description: brown silt moist
Aliquot #4: Latitude: 33.55639096 N Longitude 86.79738913 W
Media description: brown silty clay
Aliquot #5: Latitude: 33.55635997 N Longitude 86.79725262 W
Media description: brown silty clay

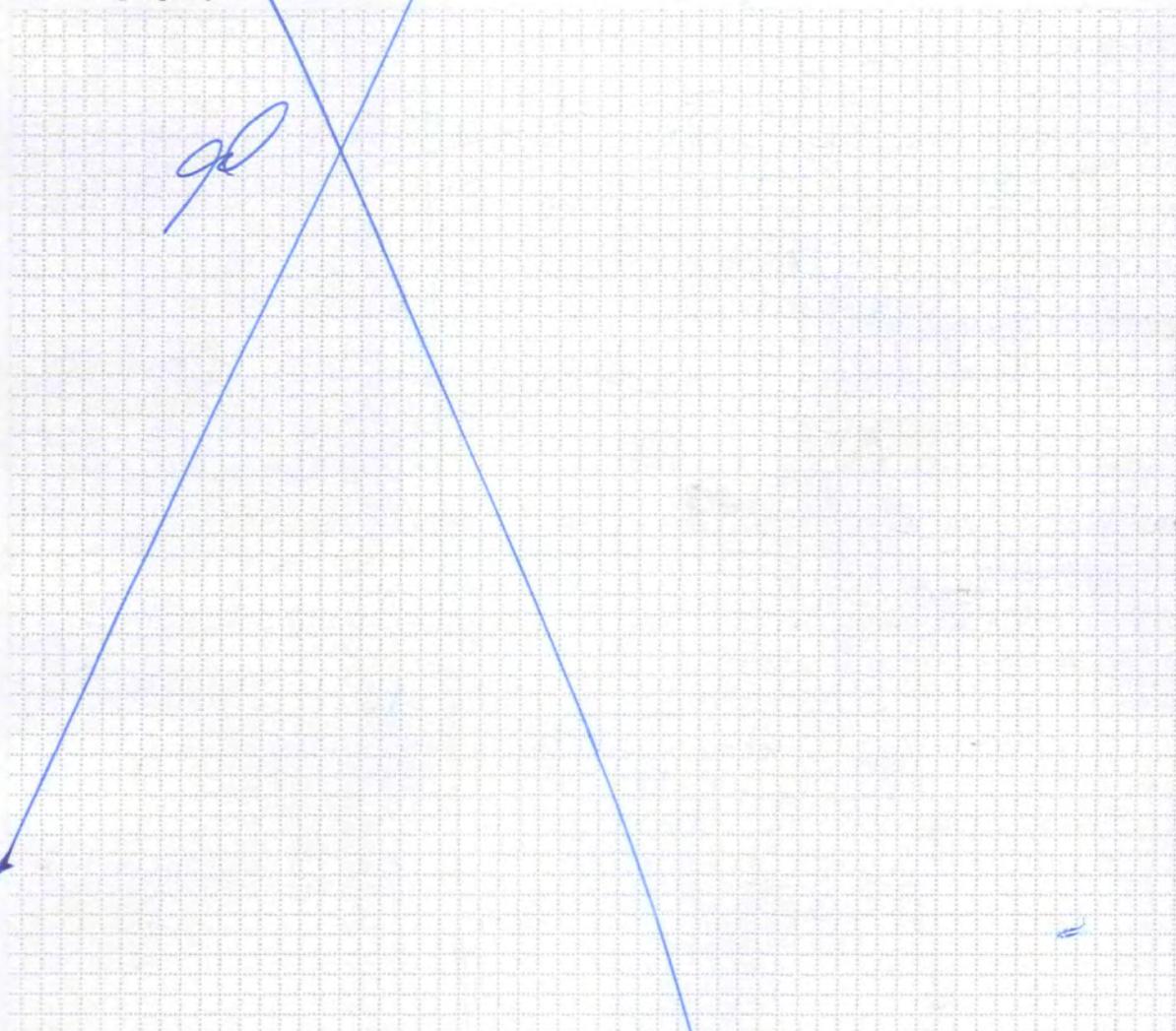
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [] Instrument #:	Logged? Y or N
Aliquot #1: Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #2 Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #3: Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: _____	_____

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____	
GPS Coordinates: Trimble [] Instrument #:	Logged? Y or N
Aliquot #1: Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #2 Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #3: Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: _____	_____
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: _____	_____

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0341

DATE: 3/5/13 ARRIVAL TIME: 1300

Other pertinent information (weather conditions, etc.):

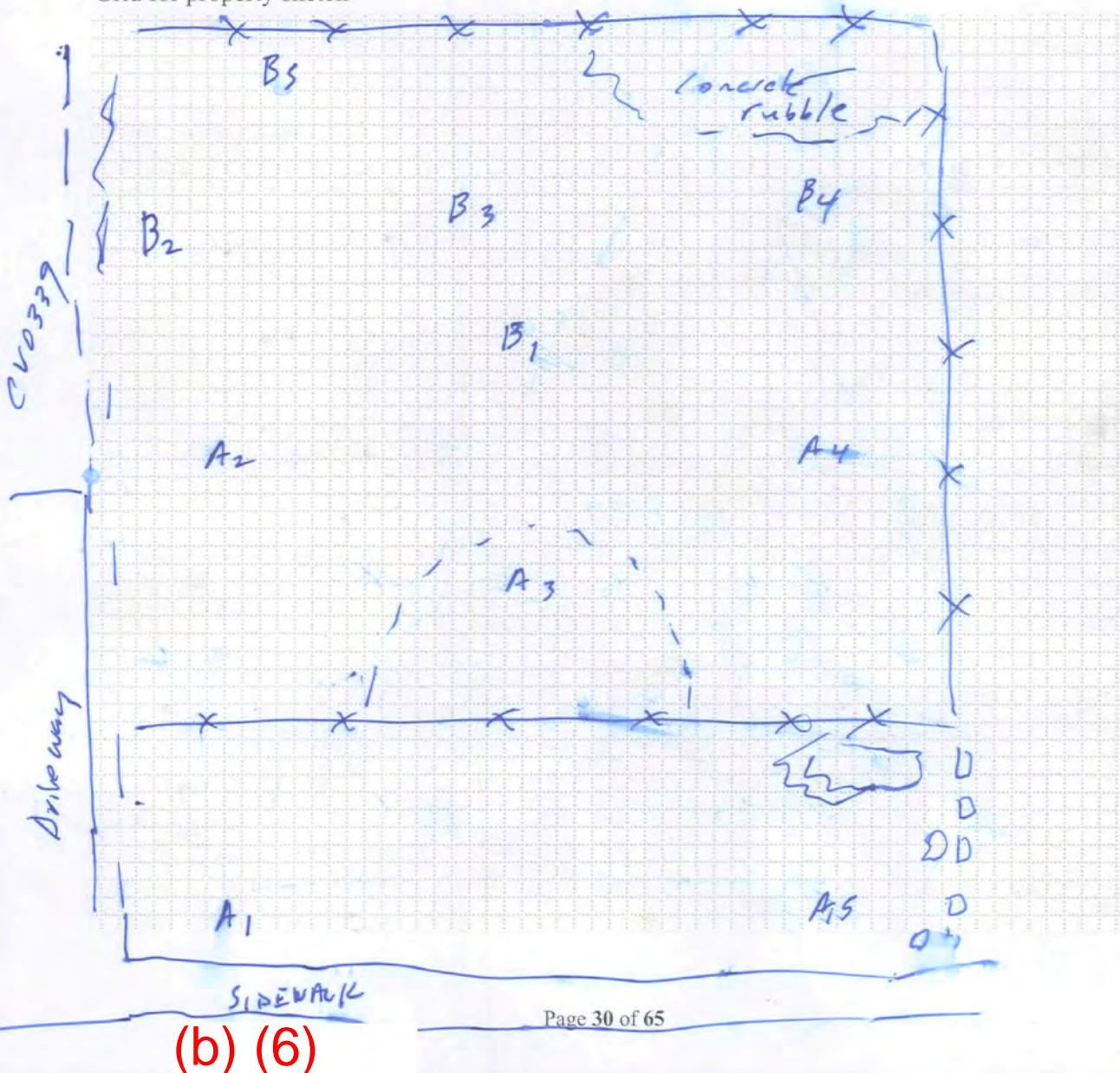
62°, light rain, wind 55w 10-20

PROPERTY COMMENTS:

Resilient @ home see notes pg. 26

C. Troiano (6mc) splits samples

Grid for property sketch



STATION ID: PV0341A SAMPLE ID: PV0341A-CS-SP

SAMPLE COLLECTION TIME: 1307

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: PV0341A

GPS Coordinates: Trimble Instrument #: 18594 Logged? or N

Aliquot #1: Latitude: 33.55612326 N Longitude 86.79718045 W
Media description: dk brown silt moist

Aliquot #2: Latitude: 33.55624914 N Longitude 86.79718686 W
Media description: same as #1

Aliquot #3: Latitude: 33.55619850 N Longitude 86.79714668 W
Media description: same as #1

Aliquot #4: Latitude: 33.55625644 N Longitude 86.79712617 W
Media description: same as #1

Aliquot #5: Latitude: 33.55612127 N Longitude 86.79712193 W
Media description: same as #1

STATION ID: PV0341B SAMPLE ID: PV0341B-CS-SP

SAMPLE COLLECTION TIME: 1315

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: PV0341B

GPS Coordinates: Trimble Instrument #: 18594 Logged? or N

Aliquot #1: Latitude: 33.55629892 N Longitude 86.79715930 W
Media description: dk brown silt moist

Aliquot #2: Latitude: 33.55633866 N Longitude 86.79720783 W
Media description: dk brown silt - silty clay moist

Aliquot #3: Latitude: 33.55635446 N Longitude 86.79714904 W
Media description: dk brown silt moist

Aliquot #4: Latitude: 33.55633874 N Longitude 86.79710157 W
Media description: dk brown silt moist

Aliquot #5: Latitude: 33.55637418 N Longitude 86.79719533 W
Media description: dk brown silt - sand silt moist

(b) (6)

ADDRESS:

PROPERTY ID: (CV0277)

DATE: 3/5/13

ARRIVAL TIME: 1430

Other pertinent information (weather conditions, etc.):

58°, mostly cloudy wld SW @ 15-20

PROPERTY COMMENTS:

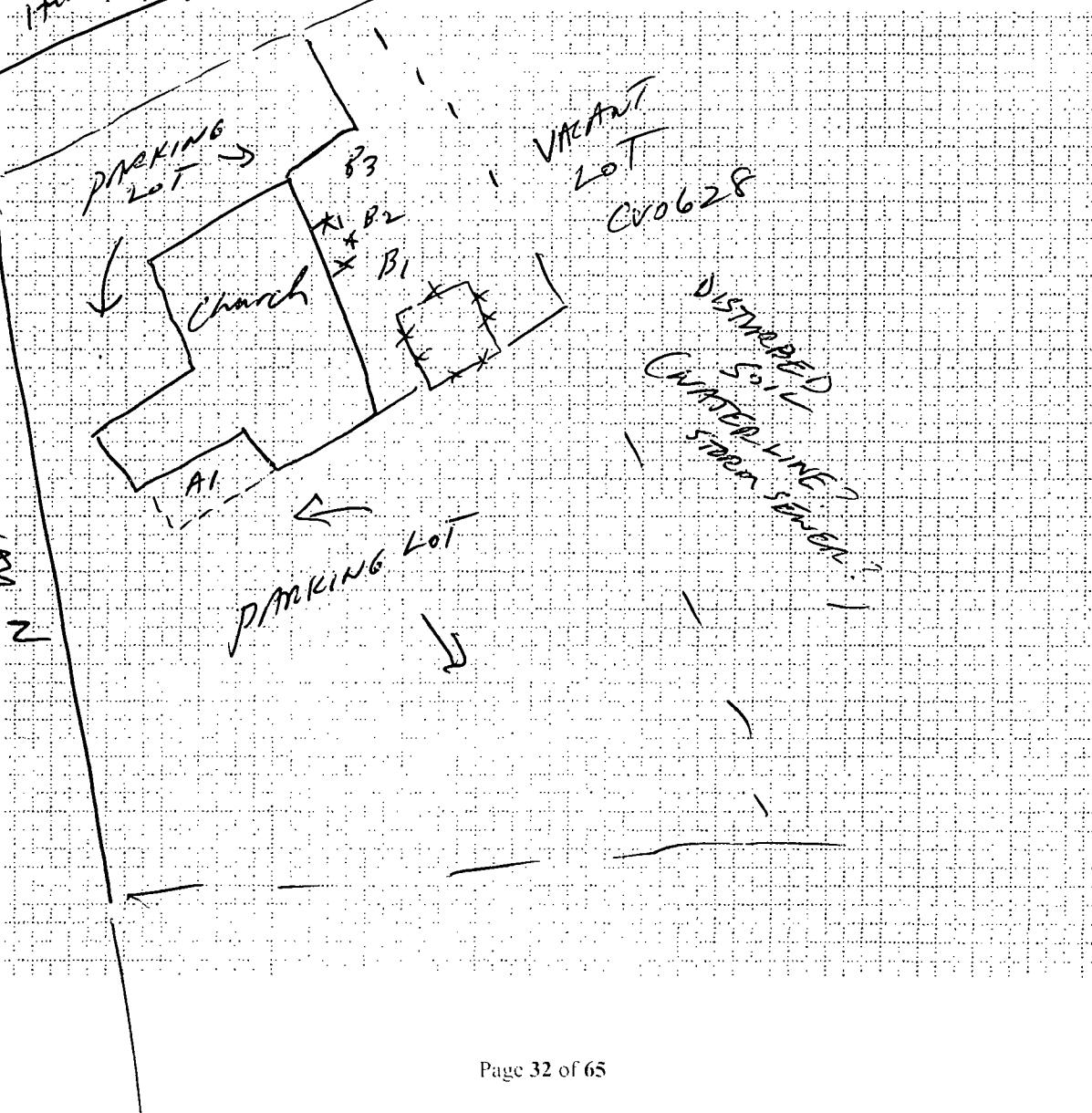
Church property (Mt. Olive Baptist)

3 adjacent properties belong to church

(CV0628, CV0632, & CV0713). C. Triviano (6mo)

Hawthorne Rd splits samples.

Grid for property sketch



STATION ID: CV0277A SAMPLE ID: CV0277A-CS-SP

SAMPLE COLLECTION TIME: 1443

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

grass area near rear entrance to church

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>18594</u>	Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55716757</u>	N Longitude <u>86.80260094</u>	W
Media description: <u>dk brown silt moist</u>		
Aliquot #2: Latitude:	N Longitude	W
Media description:		
Aliquot #3: Latitude:	N Longitude	W
Media description:		
Aliquot #4: Latitude:	N Longitude	W
Media description:		
Aliquot #5: Latitude:	N Longitude	W
Media description:		

STATION ID: CV0277B SAMPLE ID: CV0277B-CS-SP

SAMPLE COLLECTION TIME: 1456

Description of sample location (front, ~~back~~, side yard, vegetable garden; play set; ditch, etc):

grassy area back side of church (east of van bldg.)

Collection: Composite or Grab

MS/MSD? Y or N

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>18594</u>	Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55730273</u>	N Longitude <u>86.80250597</u>	W
Media description: <u>brown silty clay moist</u>		
Aliquot #2: Latitude: <u>33.55733790</u>	N Longitude <u>86.80254767</u>	W
Media description: <u>brown silty clay moist</u>		
Aliquot #3: Latitude: <u>33.55733790</u>	N Longitude <u>86.80254767</u>	W
Media description: <u>brown silty clay moist</u>		
Aliquot #4: Latitude:	N Longitude	W
Media description:		
Aliquot #5: Latitude:	N Longitude	W
Media description:		

(b) (6)

ADDRESS:

PROPERTY ID: 20632

DATE: 3/5/13

ARRIVAL TIME: 1503.

Other pertinent information (weather conditions, etc.):

see previous

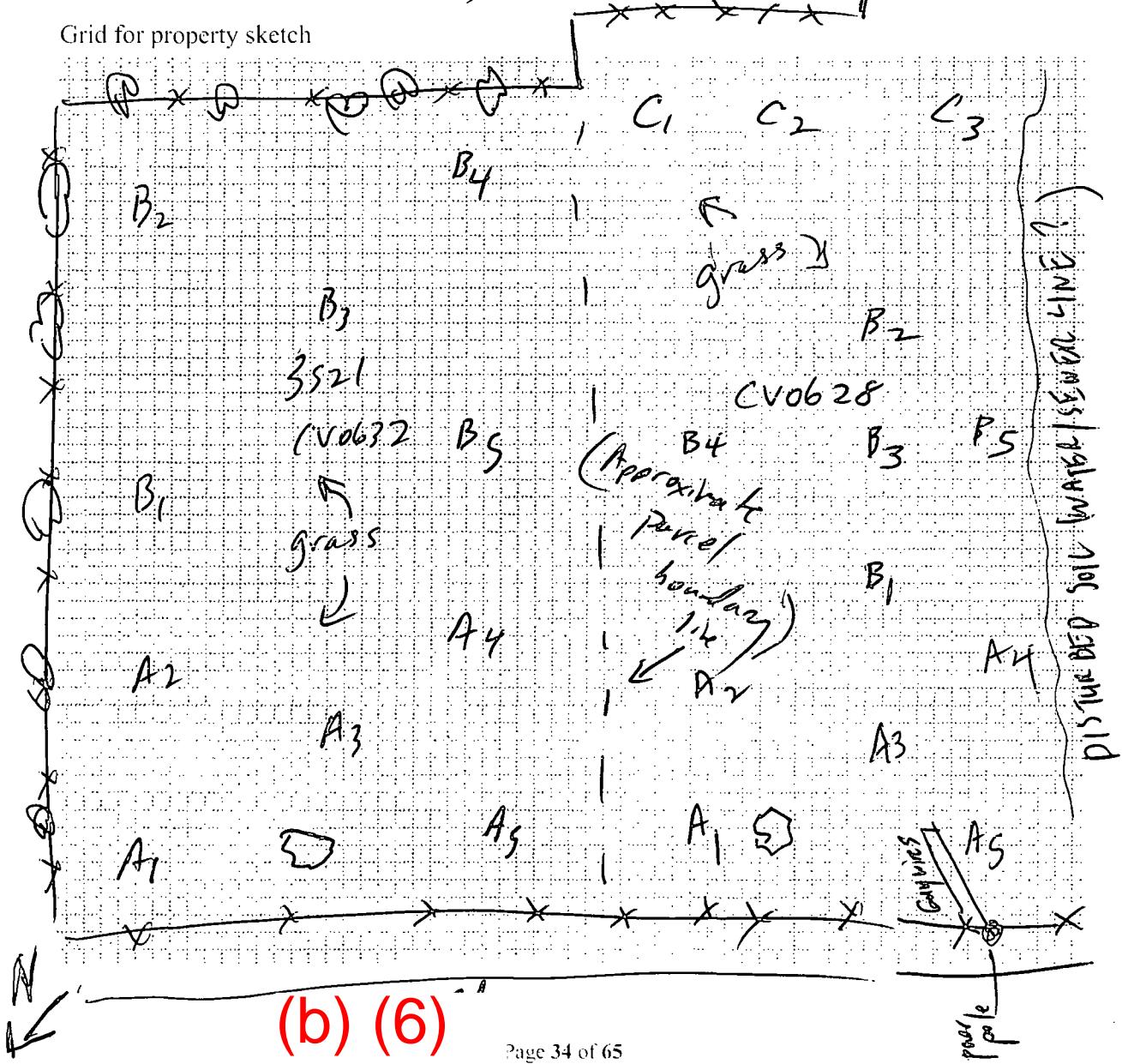
PROPERTY COMMENTS:

see prior

Vacant lot belonging to Mt. Olive
Church (farthest easter lot)

C. Troiano (6MC) splits samples.

Grid for property sketch



STATION ID: CV0632 A SAMPLE ID: CV0632 A-CS-SP

SAMPLE COLLECTION TIME: 1539

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

front of lot closest to Hinsdale Rd

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0632 A

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>18594</u>	Logged?	<u>Y</u> or <u>N</u>
Aliquot #1:	Latitude:	<u>33.55788598</u>	N Longitude	<u>86.80232419</u>	W
	Media description:	<u>brown silt moist</u>			
Aliquot #2:	Latitude:	<u>33.55781259</u>	N Longitude	<u>86.80222507</u>	W
	Media description:	<u>sand as #1</u>			
Aliquot #3:	Latitude:	<u>33.55780908</u>	N Longitude	<u>86.80231731</u>	W
	Media description:	<u>sand as #1</u>			
Aliquot #4:	Latitude:	<u>33.55774365</u>	N Longitude	<u>86.80230409</u>	W
	Media description:	<u>sand as #1</u>			
Aliquot #5:	Latitude:	<u>33.55782227</u>	N Longitude	<u>86.80239852</u>	W
	Media description:	<u>sand as #1</u>			

STATION ID: CV0632 B SAMPLE ID: CV0632 B-CS-SP

SAMPLE COLLECTION TIME: 1545

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

back of lot

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split:	<u>Yes</u> or No	If yes, indicate Duplicate/split sample station ID:	<u>CV0632 B</u>		
GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>18594</u>	Logged?	<u>Y</u> or <u>N</u>
Aliquot #1:	Latitude:	<u>33.55776342</u>	N Longitude	<u>86.80216841</u>	W
	Media description:	<u>brown silt moist</u>			
Aliquot #2:	Latitude:	<u>33.55768195</u>	N Longitude	<u>86.80207445</u>	W
	Media description:	<u>sand as #1</u>			
Aliquot #3:	Latitude:	<u>33.55770419</u>	N Longitude	<u>86.80215113</u>	W
	Media description:	<u>sand as #1</u>			
Aliquot #4:	Latitude:	<u>33.55762506</u>	N Longitude	<u>86.80212940</u>	W
	Media description:	<u>sand as #1</u>			
Aliquot #5:	Latitude:	<u>33.55769458</u>	N Longitude	<u>86.80222099</u>	W
	Media description:	<u>sand as #1</u>			

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0628

DATE: 3/6/13 ARRIVAL TIME: 0815

Other pertinent information (weather conditions, etc.):
33° F, mostly cloudy, wind N @ 10

52°, mostly cloudy with sun @ 2pm est

PROPERTY COMMENTS:

vacant lot adjoining (east of) Mt. Olive
church

West side of lot is disturbed soil & was

recently excavated for sewer or water line.

Grid for property sketch

(b) (6)

splits samples

(6mc)

SFR P6
34

STATION ID: CV0628A SAMPLE ID: CV0628A-CS-SP
SAMPLE COLLECTION TIME: 0825

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

front of lot closest to Huntsville Rd

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0628A

GPS Coordinates: Trimble	Instrument #:	18594	Logged? Y or N
Aliquot #1: Latitude:	33.557977742	N Longitude	86.80246292 W
Media description:	brown silty clay moist		
Aliquot #2: Latitude:	33.557695661	N Longitude	86.80236189 W
Media description:	same as #1		
Aliquot #3: Latitude:	33.55768253	N Longitude	86.80245272 W
Media description:	same as #1		
Aliquot #4: Latitude:	33.55761920	N Longitude	86.80245675 W
Media description:	same as #1		
Aliquot #5: Latitude:	33.55770252	N Longitude	86.80254974 W
Media description:	same as #1		

STATION ID: CV0628B SAMPLE ID: CV0628A-CS-SP

SAMPLE COLLECTION TIME: 0830

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

back of lot

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0628B

GPS Coordinates: Trimble	Instrument #:	18594	Logged? Y or N
Aliquot #1: Latitude:	33.55762102	N Longitude	86.80237856 W
Media description:	brown silty clay moist		
Aliquot #2: Latitude:	33.55754135	N Longitude	86.80229136 W
Media description:	same as #1		
Aliquot #3: Latitude:	33.55758258	N Longitude	86.80233586 W
Media description:	same as #1		
Aliquot #4: Latitude:	33.55763386	N Longitude	86.80228854 W
Media description:	same as #1		
Aliquot #5: Latitude:	33.55751728	N Longitude	86.80241010 W
Media description:	same as #1		

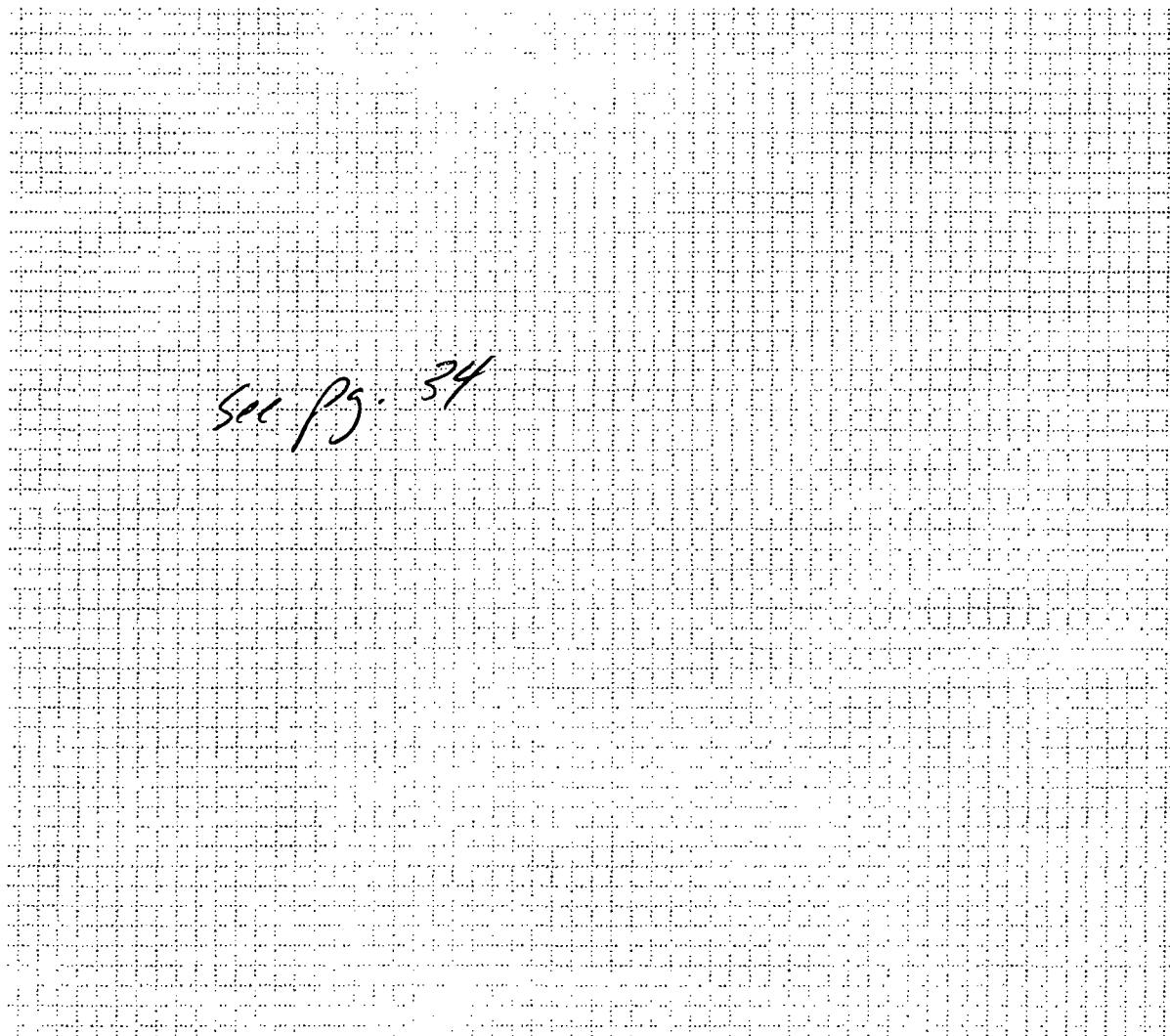
ADDRESS: See pg. 36 PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0628C SAMPLE ID: CV0628C-CS-SP
SAMPLE COLLECTION TIME: 0835

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

back of lot

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0628C

GPS Coordinates:	Trimble []	Instrument #:	<u>18594</u>	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33.55752475</u>	N Longitude	<u>86.80215208</u>	W
	Media description:	<u>light brown silty clay w/ coal fragments</u>			
Aliquot #2:	Latitude:	<u>33.55741788</u>	N Longitude	<u>86.80227044</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55741763</u>	N Longitude	<u>86.80230635</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55741763</u>	N Longitude	<u>86.80230635</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55741763</u>	N Longitude	<u>86.80230635</u>	W
	Media description:	<u>Same as #1</u>			

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: 900

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble []	Instrument #:	<u>18594</u>	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33.55752475</u>	N Longitude	<u>86.80215208</u>	W
	Media description:	<u>light brown silty clay w/ coal fragments</u>			
Aliquot #2:	Latitude:	<u>33.55741788</u>	N Longitude	<u>86.80227044</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55741763</u>	N Longitude	<u>86.80230635</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55741763</u>	N Longitude	<u>86.80230635</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55741763</u>	N Longitude	<u>86.80230635</u>	W
	Media description:	<u>Same as #1</u>			

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0713

DATE: 3/6/13 ARRIVAL TIME: 0850

Other pertinent information (weather conditions, etc.):

33°F, cloudy, wind NW @ 10

PROPERTY COMMENTS:

vacant lot south east of Mt.
Olive Church.

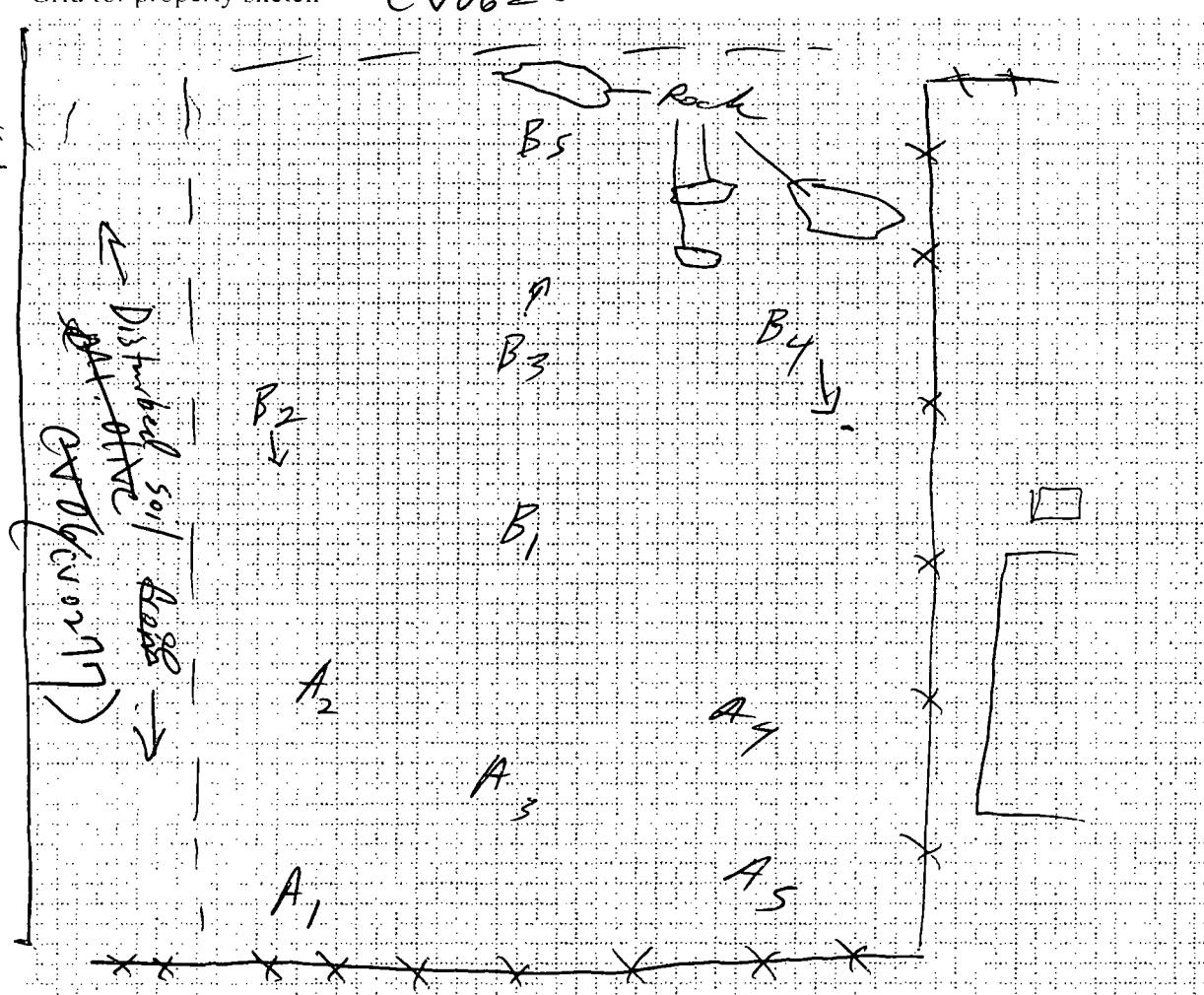
(b) (6) (GMIC) Splits samples

Grid for property sketch

CV0628



Mt. Olive
Church
Parking lot



STATION ID: CV0713A SAMPLE ID: CV0713A-CS-SP

SAMPLE COLLECTION TIME: 0857

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

South end of lot

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble X Instrument #: 18594 Logged? D or N

- Aliquot #1: Latitude: 33.55707584 N Longitude 86.80205411 W
Media description: brown/orange clay moist
- Aliquot #2: Latitude: 33.55714995 N Longitude 86.80213590 W
Media description: light brown silty clay moist
- Aliquot #3: Latitude: 33.55714542 N Longitude 86.80202232 W
Media description: brown/orange clay moist
- Aliquot #4: Latitude: 33.55725333 N Longitude 86.80198795 W
Media description: light brown silty clay moist
- Aliquot #5: Latitude: 33.55719668 N Longitude 86.80197784 W
Media description: brown/orange clay moist

STATION ID: CV0713B SAMPLE ID: CV0713B-CS-SP

SAMPLE COLLECTION TIME: 0911

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

North end of lot (soil of CV0628)

Collection: Composite or Grab

MS/MSD? Y or D

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0713B

GPS Coordinates: Trimble X Instrument #: 18594 Logged? D or N

- Aliquot #1: Latitude: 33.55725063 N Longitude 86.80207949 W
Media description: Tan clay moist
- Aliquot #2: Latitude: 33.55722820 N Longitude 86.80219506 W
Media description: Same as #1
- Aliquot #3: Latitude: 33.55731702 N Longitude 86.80214058 W
Media description: dark brown silty clay moist
- Aliquot #4: Latitude: 33.55733634 N Longitude 86.80205704 W
Media description: Same as #3
- Aliquot #5: Latitude: 33.55740093 N Longitude 86.80222301 W
Media description: Same as #3

(b) (6)

ADDRESS: _____ PROPERTY ID: CVO144

DATE: 3/6/13 ARRIVAL TIME: 0925

Other pertinent information (weather conditions, etc.):
35°F, mostly cloudy, wind NW@20 mph

PROPERTY COMMENTS:

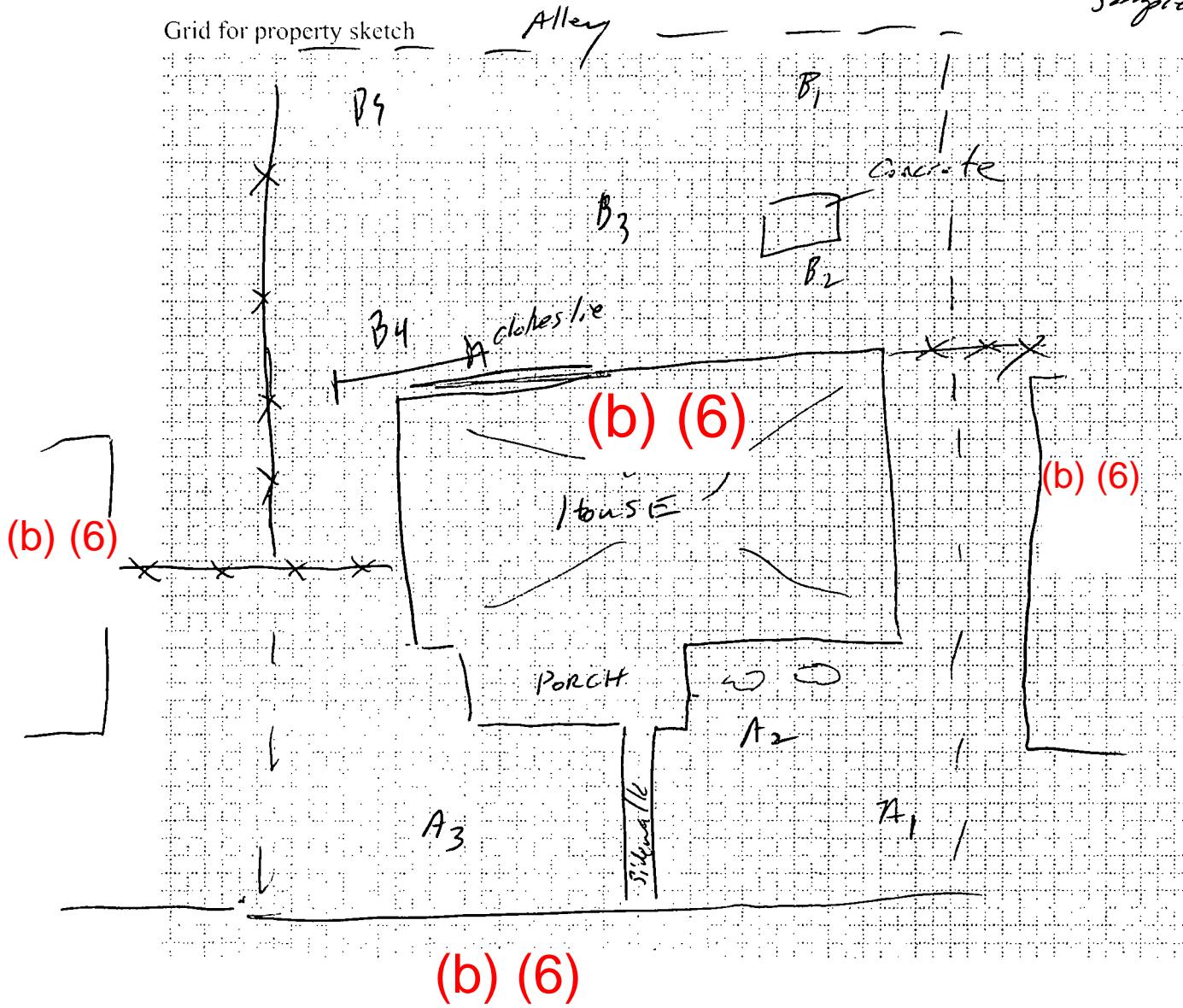
resident @ home. Resident states

property used to be duplex &

(b) (6) address.

Tax records show (b) (6), C. Rosario (Gmc) splits
samples

Grid for property sketch



STATION ID: CV0144A SAMPLE ID: CV0144A-CS-SP

SAMPLE COLLECTION TIME: 0932

Description of sample location (front, back, side~~yard~~, vegetable garden; play set; ditch, etc):

Collection:	Composite or Grab	MS/MSD?	Y or <u>N</u>
Field Duplicate or Split: <u>Yes</u> or No If yes, indicate Duplicate/split sample station ID: _____			
GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>18594</u> Logged? <input checked="" type="checkbox"/> or N			
Aliquot #1: Latitude: <u>33.55868710</u> N Longitude <u>86.80575069</u> W Media description: <u>brown silt</u>			
Aliquot #2 Latitude: <u>33.55873455</u> N Longitude <u>86.80574593</u> W Media description: <u>sand as #1</u>			
Aliquot #3: Latitude: <u>33.55875637</u> N Longitude <u>86.80575145</u> W Media description: <u>sand as #1</u>			
Aliquot #4: Latitude: _____ N Longitude: _____ W Media description: _____			
Aliquot #5: Latitude: _____ N Longitude: _____ W Media description: _____			

STATION ID: CV0144B SAMPLE ID: CV0144B-CS-SP

SAMPLE COLLECTION TIME: 0952

Description of sample location (front, back, side~~yard~~, vegetable garden; play set; ditch, etc):

Collection:	Composite or Grab	MS/MSD?	Y or <u>N</u>
Field Duplicate or Split: <u>Yes</u> or No If yes, indicate Duplicate/split sample station ID: _____			
GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>18594</u> Logged? <input checked="" type="checkbox"/> or N			
Aliquot #1: Latitude: <u>33.55867089</u> N Longitude <u>86.80544370</u> W Media description: <u>brown silt w/ coal fragments</u>			
Aliquot #2 Latitude: <u>33.55868329</u> N Longitude <u>86.80555391</u> W Media description: <u>sand as #1</u>			
Aliquot #3: Latitude: <u>33.55871406</u> N Longitude <u>86.80547842</u> W Media description: <u>sand as #1</u>			
Aliquot #4: Latitude: <u>33.55873880</u> N Longitude <u>86.80554161</u> W Media description: <u>sand as #1</u>			
Aliquot #5: Latitude: <u>33.55874276</u> N Longitude <u>86.80549302</u> W Media description: <u>sand as #1</u>			

(b) (6)

ADDRESS:

FMO116

DATE: 3/6/13

ARRIVAL TIME: 1030

Other pertinent information (weather conditions, etc.):

38°F, cloudy, wind NW @ 10

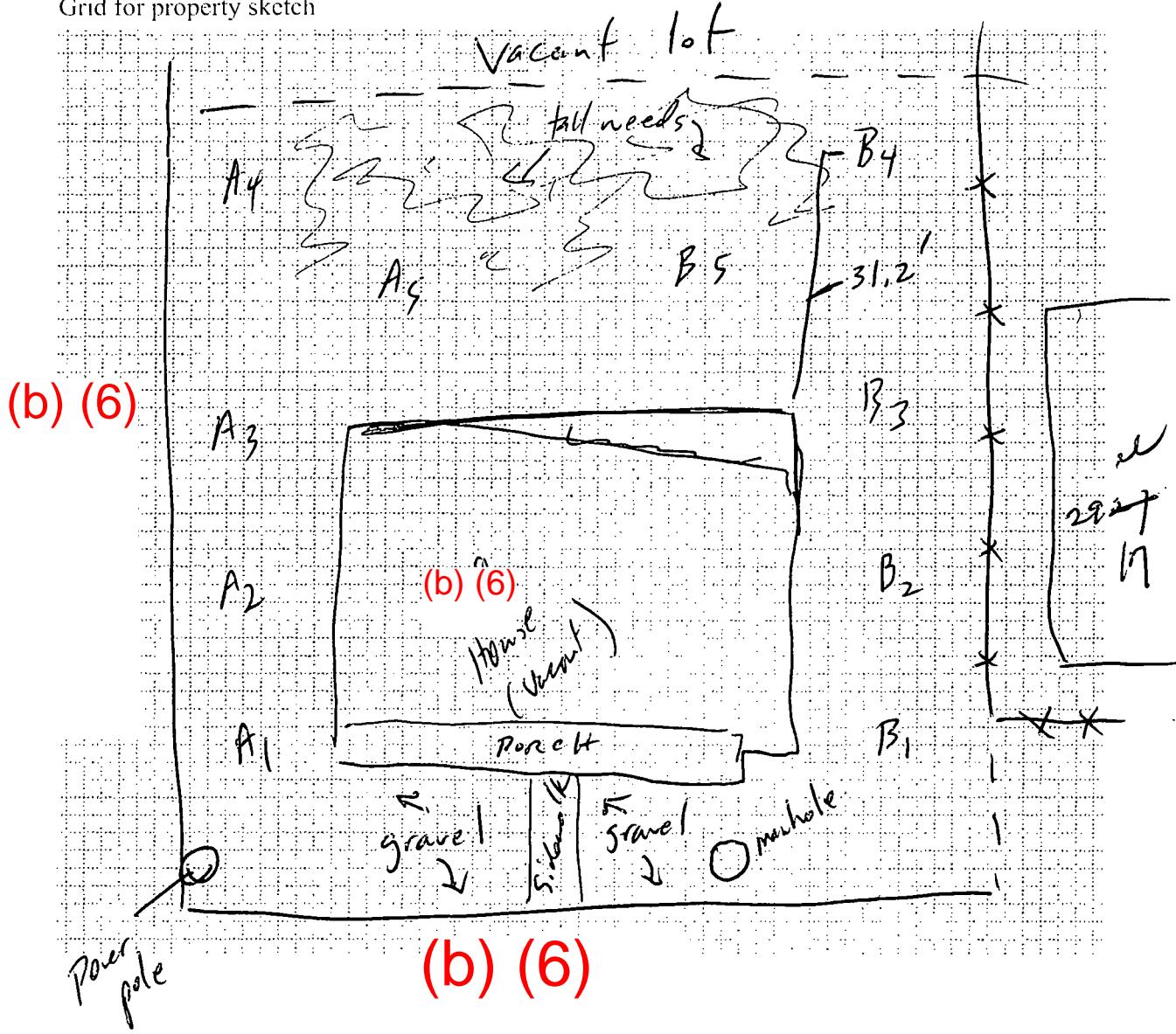
PROPERTY COMMENTS:

vacant property

very wet

(b) (6) (GMC) splits samples.

Grid for property sketch



STATION ID: Fm0116A SAMPLE ID: Fm0116A-CS-SP

SAMPLE COLLECTION TIME: 1037

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Side of property closest to 29TH PLN

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Y or No If yes, indicate Duplicate/split sample station ID: Fm0116A

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>18594</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.56438544</u>	N Longitude	<u>86.81045006</u>	W
	Media description:	<u>dk brown silty clay moist</u>			
Aliquot #2:	Latitude:	<u>33.56431394</u>	N Longitude	<u>86.81044859</u>	W
	Media description:	<u>sand as #1</u>			
Aliquot #3:	Latitude:	<u>33.56423896</u>	N Longitude	<u>86.81045409</u>	W
	Media description:	<u>sand as #1</u>			
Aliquot #4:	Latitude:	<u>33.56415532</u>	N Longitude	<u>86.81046761</u>	W
	Media description:	<u>sand as #1</u>			
Aliquot #5:	Latitude:	<u>33.56419469</u>	N Longitude	<u>86.81051214</u>	W
	Media description:	<u>sand as #1</u>			

STATION ID: Fm0116B SAMPLE ID: Fm0116B-CS-SP

SAMPLE COLLECTION TIME: 1047

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Side closest to 2917

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split:	<u>Y</u> or No If yes, indicate Duplicate/split sample station ID:				
GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>18594</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.56438076</u>	N Longitude	<u>86.81062497</u>	W
	Media description:	<u>tan/brown silty clay moist</u>			
Aliquot #2:	Latitude:	<u>33.56431239</u>	N Longitude	<u>86.81062097</u>	W
	Media description:	<u>dk brown silty clay wet</u>			
Aliquot #3:	Latitude:	<u>33.56423482</u>	N Longitude	<u>86.81062557</u>	W
	Media description:	<u>sand as #2</u>			
Aliquot #4:	Latitude:	<u>33.56415150</u>	N Longitude	<u>86.81060274</u>	W
	Media description:	<u>sand as #2</u>			
Aliquot #5:	Latitude:	<u>33.56418677</u>	N Longitude	<u>86.81056987</u>	W
	Media description:	<u>sand as #2</u>			

(b) (6)

ADDRESS: _____ PROPERTY ID: Crv0683
DATE: 3/6/13 ARRIVAL TIME: 1150

Other pertinent information (weather conditions, etc.):

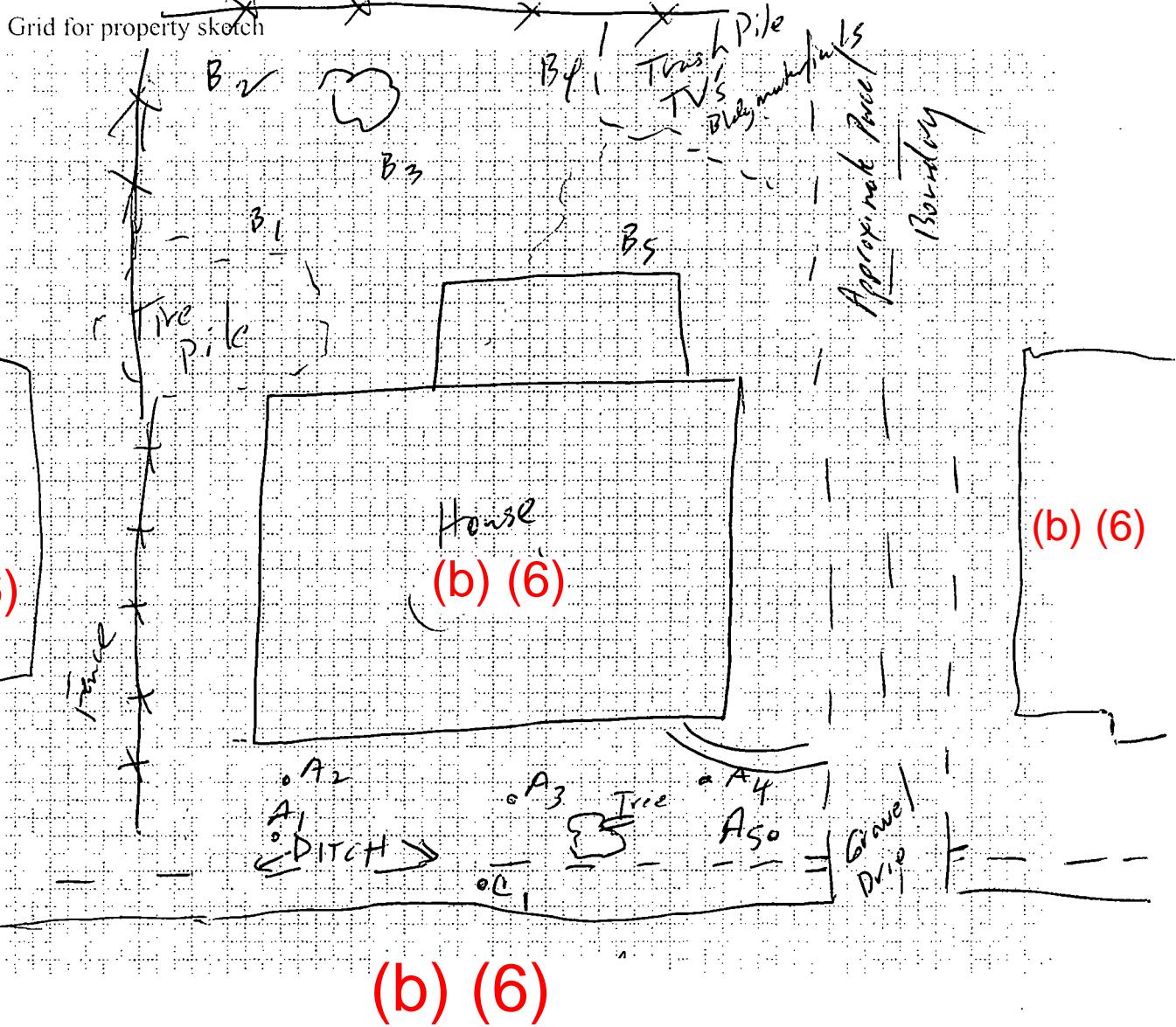
40°F, cloudy, wind NW @ 16 mph

PROPERTY COMMENTS:

Vacant property (For Sale).

Drainage ditch runs along Frontsville Rd in front of property (starts black).
(Troiano & GMC) splits samples

Grid for property sketch



STATION ID: CV0683A SAMPLE ID: CV0683A-CS-SP
SAMPLE COLLECTION TIME: 1/21

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0683A

GPS Coordinates: Trimble	Instrument #:	18594	Logged?	Y or N
Aliquot #1: Latitude:	33.56211481	N Longitude	86.79841193	W
Media description:	dk brown silty clay			
Aliquot #2 Latitude:	33.56212199	N Longitude	86.79844517	W
Media description:	soil as #1			
Aliquot #3: Latitude:	33.56216778	N Longitude	86.79843861	W
Media description:	soil as #1			
Aliquot #4: Latitude:	33.56218121	N Longitude	86.79841472	W
Media description:	soil as #1			
Aliquot #5: Latitude:	33.56216086	N Longitude	86.79838102	W
Media description:	soil as #1			

STATION ID: CV0683 SAMPLE ID: CV0683B-CS-SP
SAMPLE COLLECTION TIME: 1/22/0

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0683B

GPS Coordinates: Trimble	Instrument #:	18594	Logged?	Y or N
Aliquot #1: Latitude:	33.56219558	N Longitude	86.79861431	W
Media description:	brown/orange silty dry moist			
Aliquot #2 Latitude:	33.56219624	N Longitude	86.79872312	W
Media description:	soil as #1			
Aliquot #3: Latitude:	33.56220623	N Longitude	86.79866036	W
Media description:	soil as #1			
Aliquot #4: Latitude:	33.56222121	N Longitude	86.79870240	W
Media description:	soil as #1			
Aliquot #5: Latitude:	33.56221869	N Longitude	86.79861143	W
Media description:	soil as #1			

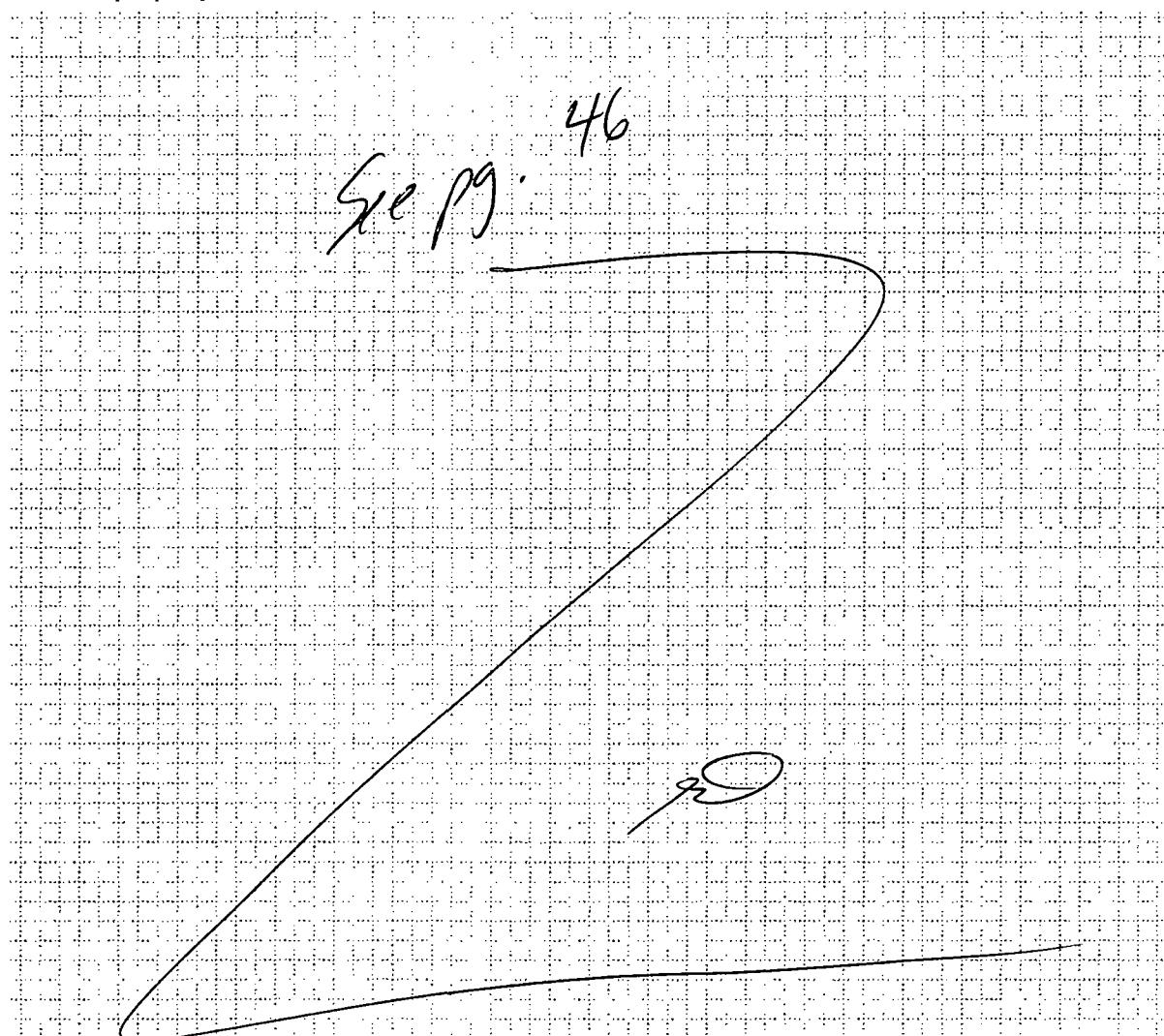
ADDRESS: See pg 46 PROPERTY ID: _____
DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

SL

Grid for property sketch



STATION ID: CV0683C SAMPLE ID: CV0683C-GS-SP
SAMPLE COLLECTION TIME: 1227

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
ditch

Collection: Composite or Grab

MS/MSD? Y or N Y

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0683C-GS-SP

GPS Coordinates: Trimble []	Instrument #:	<u>18589</u>	Logged? Y or N	<u>Y</u>
Aliquot #1: Latitude:	<u>33,562 13147</u>	N Longitude	<u>86,79837368</u>	W
Media description:	<u>blk silt some orange clay wet</u>			
Aliquot #2: Latitude:		N Longitude		W
Media description:	<u>soil</u>			
Aliquot #3: Latitude:		N Longitude		W
Media description:				
Aliquot #4: Latitude:		N Longitude		W
Media description:				
Aliquot #5: Latitude:		N Longitude		W
Media description:				

STATION ID: CV0683C SAMPLE ID: CV0683C-GS-SP

SAMPLE COLLECTION TIME: 1227

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
ditch

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble []	Instrument #:		Logged? Y or N	
Aliquot #1: Latitude:		N Longitude		W
Media description:				
Aliquot #2: Latitude:		N Longitude		W
Media description:				
Aliquot #3: Latitude:		N Longitude		W
Media description:				
Aliquot #4: Latitude:		N Longitude		W
Media description:				
Aliquot #5: Latitude:		N Longitude		W
Media description:				

(b) (6)

ADDRESS: CVO684

PROPERTY ID: CVO684
DATE: 3/6/13 ARRIVAL TIME: 1230

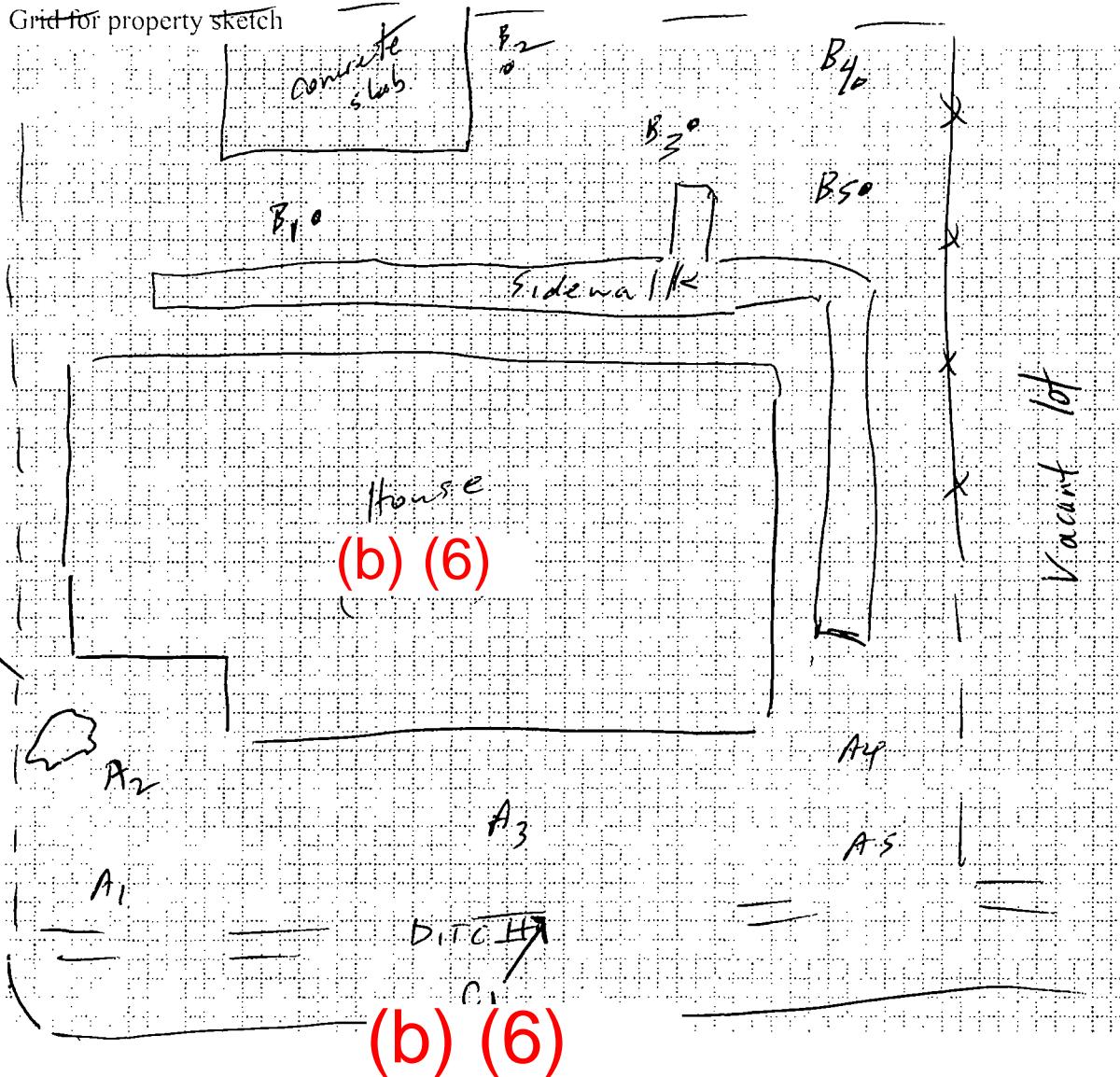
Other pertinent information (weather conditions, etc.):

40° F, cloudy, wind NW @ 10-20

PROPERTY COMMENTS:

Vacant property. Apparent fire damage
to house.

Grid for property sketch



STATION ID: CV0684A SAMPLE ID: CV0684A-CS-SP

SAMPLE COLLECTION TIME: 1238

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Y or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble	Instrument #:	<u>18594</u>	Logged?	<u>Y</u> or N
Aliquot #1: Latitude:	<u>33.56221720</u>		N Longitude	<u>86.79836674</u>	W
Media description:	<u>dk brown silt moist</u>				
Aliquot #2 Latitude:	<u>33.56224641</u>		N Longitude	<u>86.79839208</u>	W
Media description:	<u>sane as #1</u>				
Aliquot #3: Latitude:	<u>33.56227555</u>		N Longitude	<u>86.79836010</u>	W
Media description:	<u>sane as #1</u>				
Aliquot #4: Latitude:	<u>33.56230564</u>		N Longitude	<u>86.79836836</u>	W
Media description:	<u>sane as #1</u>				
Aliquot #5: Latitude:	<u>33.56229963</u>		N Longitude	<u>86.79833318</u>	W
Media description:	<u>sane as #1</u>				

STATION ID: CV0684B SAMPLE ID: CV0684B-CS-SP

SAMPLE COLLECTION TIME: 1250

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Y or No If yes, indicate Duplicate/split sample station ID: CV0684B

GPS Coordinates:	Trimble	Instrument #:	<u>18594</u>	Logged?	<u>Y</u> or N
Aliquot #1: Latitude:	<u>33.56229687</u>		N Longitude	<u>86.79854708</u>	W
Media description:	<u>tan clay moist</u>				
Aliquot #2 Latitude:	<u>33.56233704</u>		N Longitude	<u>86.79864610</u>	W
Media description:	<u>blk silt moist</u>				
Aliquot #3: Latitude:	<u>33.56233784</u>		N Longitude	<u>86.79859713</u>	W
Media description:	<u>dk brown silt moist</u>				
Aliquot #4: Latitude:	<u>33.56236335</u>		N Longitude	<u>86.79862485</u>	W
Media description:	<u>sne as #3</u>				
Aliquot #5: Latitude:	<u>33.56235380</u>		N Longitude	<u>86.79853736</u>	W
Media description:	<u>sne as #3</u>				

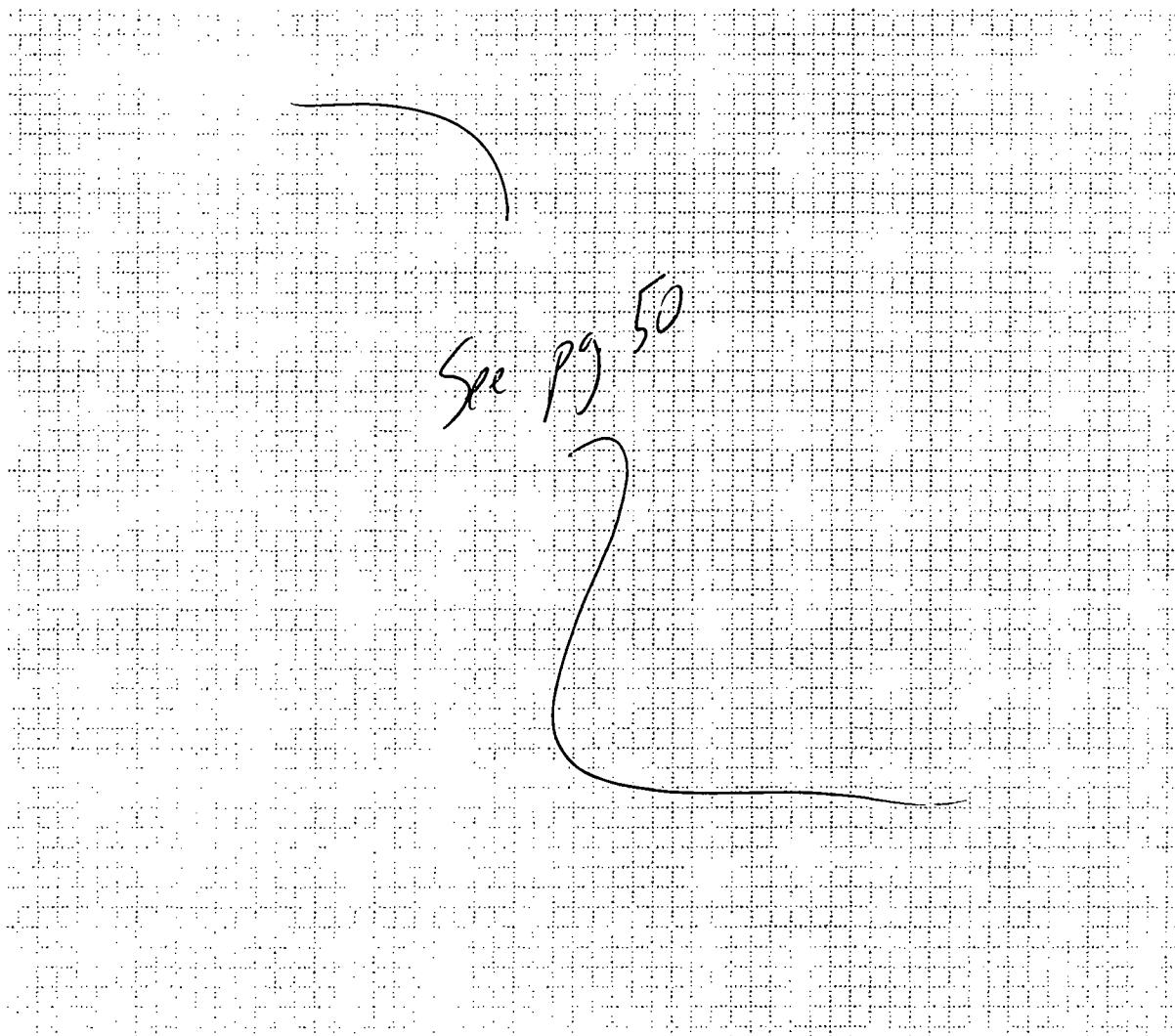
ADDRESS: See Pg. 59 PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0684C SAMPLE ID: CV0684C-65-SP
SAMPLE COLLECTION TIME: 1301

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

ditch along Frankville Rd
(in front of house)

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0684C

GPS Coordinates:	Trimble []	Instrument #:	<u>18594</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.56226430</u>	N Longitude	<u>86.99832652</u>	W
	Media description:	<u>33.6blk silt w/ orange clay wet</u>			
Aliquot #2:	Latitude:		N Longitude		W
	Media description:				
Aliquot #3:	Latitude:		N Longitude		W
	Media description:				
Aliquot #4:	Latitude:		N Longitude		W
	Media description:				
Aliquot #5:	Latitude:		N Longitude		W
	Media description:				

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: 1301

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection:	Composite or Grab	MS/MSD?	Y or N		
Field Duplicate or Split:	Yes or No	If yes, indicate Duplicate/split sample station ID:			
GPS Coordinates:	Trimble []	Instrument #:		Logged?	Y or N
Aliquot #1:	Latitude:		N Longitude		W
	Media description:				
Aliquot #2:	Latitude:		N Longitude		W
	Media description:				
Aliquot #3:	Latitude:		N Longitude		W
	Media description:				
Aliquot #4:	Latitude:		N Longitude		W
	Media description:				
Aliquot #5:	Latitude:		N Longitude		W
	Media description:				

(b) (6)

ADDRESS:

DATE: 3/6/13

PROPERTY ID: PV0193

ARRIVAL TIME: 1315

Other pertinent information (weather conditions, etc.):

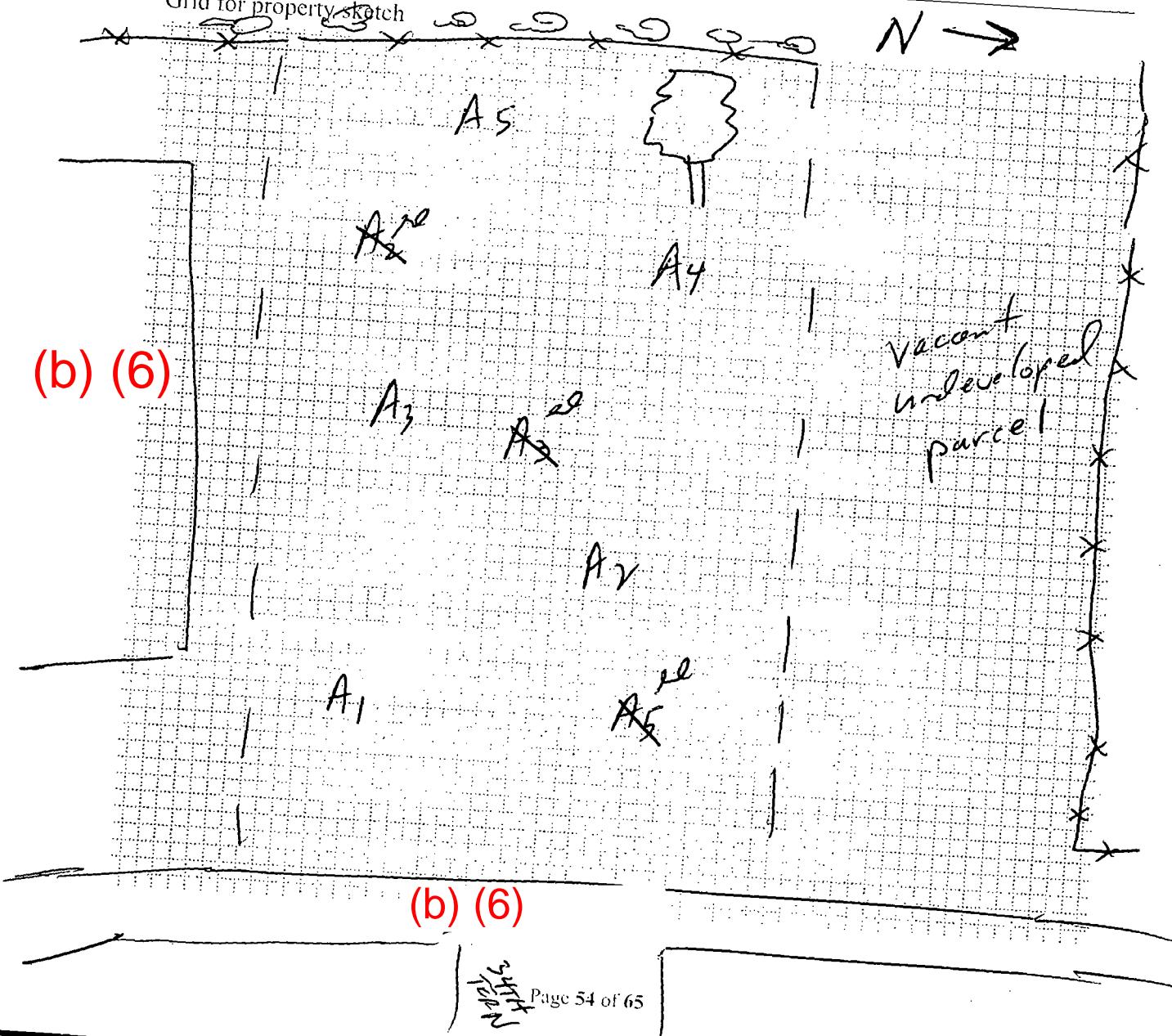
42°F, cloudy, wind NW @ 15-20

PROPERTY COMMENTS:

Vacant, undeveloped parcel
to the north of (b) (6)

Narrow lot. Confirm parcel boundary
w/ Trumble.

Grid for property sketch



STATION ID: CV0193A SAMPLE ID: CV0193A-CS-SP

SAMPLE COLLECTION TIME: 1338

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Vacant parcel

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Y or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble []	Instrument #:	<u>18594</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.56023101</u>	N Longitude	<u>86.80404445</u> W
Media description:	<u>brown / tan clayey silt w/ coal fragments</u>		
Aliquot #2 Latitude:	<u>33.56024529</u>	N Longitude	<u>86.80410914</u> W
Media description:	<u>Same as #1</u>		
Aliquot #3: Latitude:	<u>33.56023032</u>	N Longitude	<u>86.80414815</u> W
Media description:	<u>Same as #1</u>		
Aliquot #4: Latitude:	<u>33.56025280</u>	N Longitude	<u>86.80422798</u> W
Media description:	<u>Same as #1</u>		
Aliquot #5: Latitude:	<u>33.56023198</u>	N Longitude	<u>86.80430950</u> W
Media description:	<u>Same as #1</u>		

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab	MS/MSD? Y or N	
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:		
GPS Coordinates: Trimble []	Instrument #:	Logged? Y or N
Aliquot #1: Latitude:	N Longitude	W
Media description:		
Aliquot #2 Latitude:	N Longitude	W
Media description:		
Aliquot #3: Latitude:	N Longitude	W
Media description:		
Aliquot #4: Latitude:	N Longitude	W
Media description:		
Aliquot #5: Latitude:	N Longitude	W
Media description:		

(b) (6)

ADDRESS:

CN0911

DATE:

3/6/13

ARRIVAL TIME:

1453

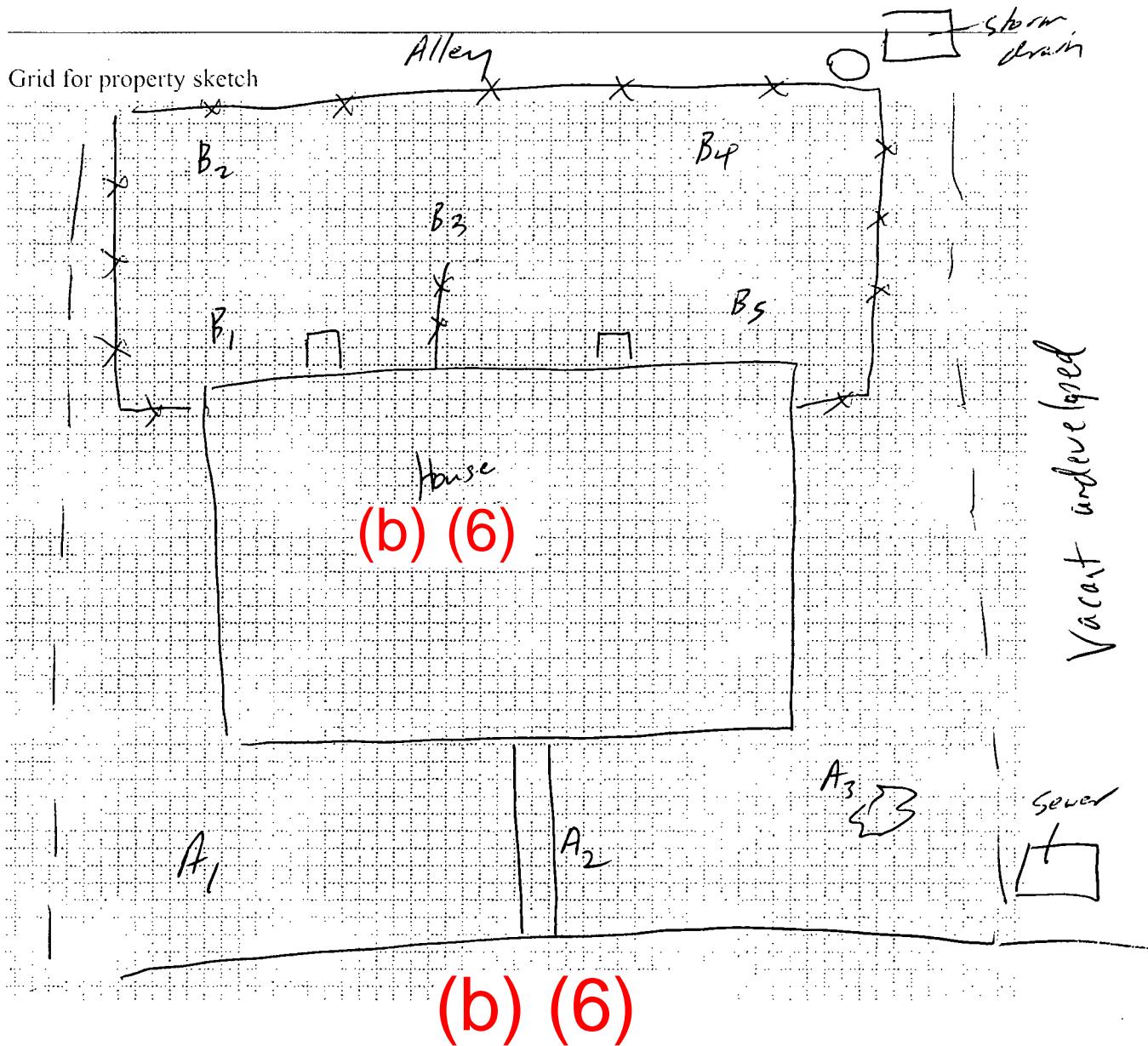
Other pertinent information (weather conditions, etc.):

48°F, partly cloudy, wind NW@10-15

PROPERTY COMMENTS:

Vacant house

Grid for property sketch



STATION ID: CV0911A SAMPLE ID: CV0911A-05

SAMPLE COLLECTION TIME: 1510

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble	Instrument #:	18594	Logged?	Y or N
Aliquot #1: Latitude:	33.55365934	N Longitude	86.79918484	W
Media description:	dark brown silty clay w/coal frags -			
Aliquot #2 Latitude:	33.55371584	N Longitude	86.79917383	W
Media description:	same as #1			
Aliquot #3: Latitude:	33.55374169	N Longitude	86.79918689	W
Media description:	same as #1			
Aliquot #4: Latitude:		N Longitude		W
Media description:				
Aliquot #5: Latitude:		N Longitude		W
Media description:				

STATION ID: CV0911B SAMPLE ID: CV0911B-05

SAMPLE COLLECTION TIME: 1520

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble	Instrument #:	18594	Logged?	Y or N
Aliquot #1: Latitude:	33.55366544	N Longitude	86.79940750	W
Media description:				
Aliquot #2 Latitude:	33.55366647	N Longitude	86.79945780	W
Media description:				
Aliquot #3: Latitude:	33.55370544	N Longitude	86.79944290	W
Media description:				
Aliquot #4: Latitude:	33.55374973	N Longitude	86.79945114	W
Media description:				
Aliquot #5: Latitude:	33.55374961	N Longitude	86.79941553	W
Media description:				

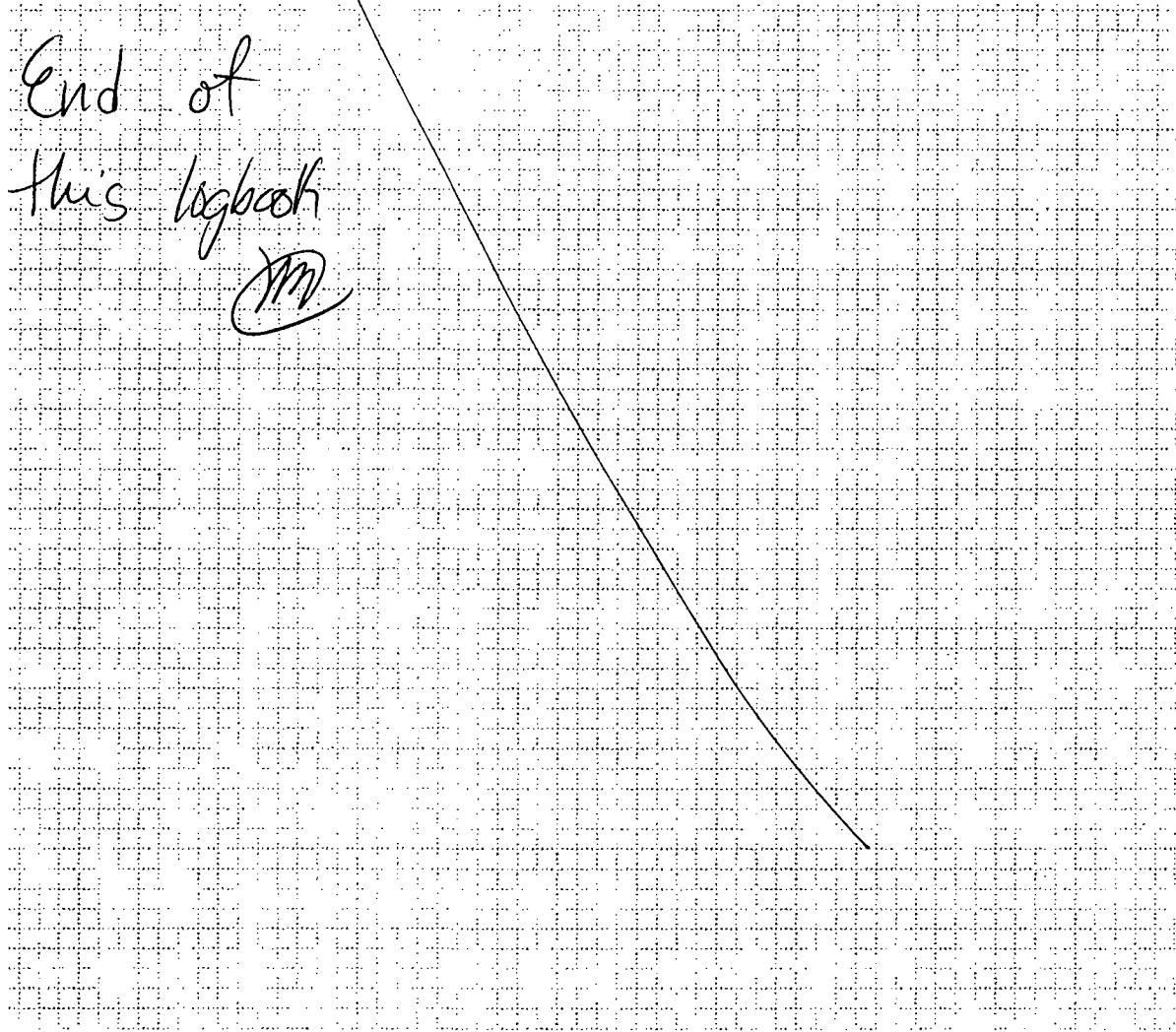
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



The remaining pages in this logbook are
blank and have not been scanned.